MERICAN RAILROAD JOUR

STEAM NAVIGATION, COMMERCE, FINANCE,

ENGINEERING, BANKING, MINING, MANUFACTURES.

ESTABLISHED IN 1831.

PUBLISHED WEEKLY BY JOHN H. SCHULTZ, AT NO. 9 SPRUCE ST., NEW YORK, AT FIVE DOLLARS PER ANNUM.

SECOND QUARTO SERIES, VOL. XXXIII., No. 41.)

SATURDAY, OCTOBER 18, 1877.

[WHOLE No. 2,164, Vol. L.

MR. FREDERIC ALGAR, No. 8 Clements Lane, Lombard Street, London, England, is the authorize European Agent for the Journal.

PRINCIPAL CONTENTS.

Education of Engineers 128	31
Boston, Hoosac Tunnel and Western Railway 128	3(
Progress of Railroad Construction	36
Progress of Railroad Construction 126 Lowell and Lawrence Railroad 128 Machinery and Mining 128	16
Machinery and Mining	16
Billerica and Bedford Railroad	3
Erie Railway	
New York and New England Railroad 128	
Northern Pacific Railroad	
Steel Tired Railroad Car Wheels	
Military Railway Building	
Canada Southern Railroad	
Southern Pacific Railroad 1311, 129	į
Atlantic, Mississippi and Ohio Railroad 120	
Railroad and Canal Dividend Statement 12	
Railroad Earnings	
Federal and State Securities 19	2
Federal and State Securities	î
Financial and Commercial Affairs130	1
Louisville and Nashville Railroad	
Atchison, Topeka and Santa Fe Railroad13	
Imports of Dry Goods at New York 13	
Russian Railways	ļ
The Coal Trade 13	I

American Railroad Journal.

New York, Saturday, October 13, 1877.

Education of Engineers, 1983. 91

No one can look back to the state of civil and mechanical engineering fifty years ago, and compare it with the present state, without perceiving a great and encouraging progress; yet at the same time the comparison will force the conviction that this progress is but a beginning, and that another age is required to bring it to what it should be; and many ages will be required, if we flatter ourselves that we have to criticise our works with honest rigor.

Fifty years ago the leading mechanical engineers passed from common schools into blacksmiths' shops, as apprentices, at the age of fourteen and worked up to be foremen and proprietors. Some of them had not even the

write or speak grammatically, or "cipher" beyond the rule of three, or even so far. As for ability to calculate the strains on the parts of a bridge or machine, and provide for them by exactly sufficient strength, they ridiculed the idea of such operations; and held that "one practical man, by his eye, could tell better than a dozen theorists how much stuff to put into a beam, or column, or shaft, or connecting rod, or any other part." Their work was laid out by the judgment of mere sense, aided by recollection of other work of the kind; they moved their thumbs along their measuring rules, and when they judged that they had settled upon bout the right length, they looked at the figures, and took the nearest 1 inch to the mark thus found. And this they did throughout their lives.

But as machine tools came into use, and new fashioned works had to be executed, some of great magnitude, there was a demand for "calculations;" and mathematicians were called upon as assistants. Also the assistance of in time it was discovered, or at least suspected, that the head-work of engineering was the main part of it; and that those who began by a study of mathematics and physics were better directors of work than those who began as apprentices in shops. In some cases those who began as apprentices afterwards went through proper courses in colleges and engineering schools; but these cases have been unfrequent, and it is doubted whether the apprenticeship before a good groundwork of theory is of nearly so much use as after it. To a mere workman the apprenticeship first is best, since he is got beyond the need of improvement, and fail to be a good fitter, and accurate and expeditious in execution, and to devote his intellectual faculties to excellences of execution; but to a designer of work the first consideration is fitness of adaptation, and the next is strength with economy. old odT .tem saw had lis gai

of technology, polytechnic schools and institutes where both the theory and practice of engineering can be studied, therefore there are facilities open to all for acquiring education. Institutes like the Massachusetts Institute of Technology, Columbia College, the Worcester Technical and Stevens Institutes offer unprecedented facilities and advantages for studying engineering and the sciences in a thorough manner. The advantages thus available to students have never been surpassed, they are a great advance in the means for acquiring a practical education in civil and mechanical engineering. But we need many more such Institutes as the Worcester Technical Institute where the students graduate if they choose from the machine shop, and where drawing, mathematics and practical workmanship in pattern making and the construction of machinery, civil engineering, surveying, etc., are taught by competent and practical instructors. We need evening schools for instruction in practical science in all our cities and manufacturing disdraughtsmen was recognized as necessary; and tricts, and we feel confident that if properly managed our young mechanics and engineers would appreciate them.

In a social sense, it will not be questioned that the men who begin by a good education will have an advantage over those who do not possess one. The "learned professions" are esteemed not so much for their profits, which are frequently less than those attainable in trades, as for the mental condition usually found in them. A few great fortunes may be made in them; but so it is in engineering: the man who directs the construction of a railroad and its equipment at a cost of forty millions may, by his superior learning and talent, save a large percentage which an ignorant practician of equal genius, or natural capacity, might waste by his insecure foundations, his provisional plans, his overloaded structures, and his break-downs. A great work that involves im-We have in this country academies, colleges, mense outlay at first, and yearly outlay for benefit of common schools; and gould not universities, public schools, besides institutes maintenance, may be made one per cent more

profitable by the best engineer than by the second best; and out of this one per cent a lib-eral amount may be paid for his superior abilities. And this principle applies in every workshop in which there is or should be some effort to keep up with the growth of the world. Now the meaning of education is, that what all the best men have done before us should be known and compared, prevent us from beginning behind the age, and help us to make further progress. In the education of engineers it is necessary for success that theory and practice should both receive their share of study and attention. The mere theorist is scarcely as valuable in the promotion of progressive engineering science as the illiterate but expert practician.

Boston, Hoosac Tunnel and Western Rail-

An organization of this company having been effected under the general laws of New York, and their plans and location having been filed, the directors held a meeting at Troy on the 2d inst. for the purpose of organization, and to authorize the immediate commencement of work under the charter. Hon. John B. Alley presided at the meeting and Mr. A. A. Gaddis was

The officers chosen are: Gen. William L Burt, President; Hon. John B. Alley, Vice President; Dr. Estes Howe, Treasurer; Theodore Voorhees, Secretary, and F. M. Jones of New York, Chief Engineer, Messrs, Burt, Alley and F. L. Ames were constituted the Executive Committee.

The Executive Committee were instructed to commence at once the construction of a line from Mechanicsville to Eagle Bridge, a distance of 22 miles, about 12 miles of which are already graded, being a portion of the old Albany and Vermont road-bed. There will be no grade on the route of over 26 feet to the mile. They were also directed to construct an iron bridge across the Hudson river at Mechanicsville, and the road is to be laid with steel rails. They were also authorized to make connections for the purpose of traffic with the Delaware and Hudson, Erie, Fitchburg, Boston, Barre and Gardner, and Boston, Clinton and Fitchburg railroads.

The Delaware and Hudson Company will at once construct a line from Mechanicsville to Schenectady, a distance of about fifteen miles, which will require the actual construction, however, of only about seven miles of road. The Erie Railway Company will also at once lay its third rail between Waverly and Binghamton, making standard gauge from Buffalo to Boston over this route. It is the hope of the Directors to complete this line by the 1st of January next. A conference is to be held with the manager of the Troy and Boston Railroad relative to the use of a portion of that road in the line. If this cannot be effected it Bridge to connect with State road at the Mas- that the bonds authorized to be issued by vote of- The Kittanning Coal Company, of Pennsylvania,

miles. The Directors speak in the most confident terms of the success of the enterprise.

Progress of Railroad Construction.

Mr. B. J. McGrann, the contractor for the contruction of the Pittsburgh and Lake Erie Raiload, announces that the profiles, plans, &c., are now on exhibition at Rochester, Penn., and will remain open for the benefit of sub-contractors until the 16th inst.

The contractors of the Pittsburgh, Wheeling and Kentucky Railroad expect soon to have the ties and rails laid to Wellsburg. They are now erecting trestle work, for a distance of about one handred yards, at Cross creek bridge. This will be the only trestle work along the line.

Twenty-two miles of track have now been laid on the Waynesburg and Washington Narrow Gauge Railroad, leaving six miles yet to be laid.

It is stated that the Nashua and Peterboro' Railroad is to be immediately extended from its present terminus at Greenfield to Bennington, Vt., there to make connection with the Hillsboro' route now building.

The tracklayers on the Scioto Valley Railroad had reached Waverly, Ohio, on the 8th inst.

The Lehigh and Lackawanna Railroad will be extended to Wind Gap, Pa., ten miles from its present terminus.

The first sod on the Nictaux and Atlantic Railway was turned at Bridgewater, N. S., on the 5th

The latest railroad project in Vermont is the Hardwick and Marshfield Railroad-to connect the Montpelier and Wells River and Portland and Ogdensburg railroads at the first named village.

A Boston capitalist is to build a railroad from Guaymas to Hermosillo as soon as the Mexican Congress approves the concession granted by President Diaz.

Prodigious quantities of railway ties are piled up at Wilmington, Cal., to be used in the extension of the Southern Pacific Railroad through Arizona.

The Akron and Ogden furnaces will be put in blast on the first of November, at which time the Monday Creek branch of the Columbus and Hocking valley will be ready for operations.

Lowell and Lawrence Railroad.

A special meeting of the stockholders of the Lowell and Lawrence Railroad Company was held in Lowell, Mass., on the 5th inst. W. E. Livingstone presided, F. H. Nourse, clerk, read the proposed lease of the road to the Boston and Lowell Bailroad Co., which is to take effect at the expiration of the present lease, October 1, 1878, and run 25 years for the consideration of five per cent, interest on the stock, six per cent, interest on all debts and bonds and one per cent. additional from earnings as a sinking fund to liquidate the bonds. H. Hosford, Manager of the Boston and Lowell Railroad and Director in the Lowell and Lawrence, made explanations. Col. John H. George moved that the lease be ratified and confirmed. A stock vote was taken when 1225 votes representing 1683 shares were declared in favor, being all that were cast. The following votes ofis proposed to build a new track from Eagle fered by Col. George were similarly adopted : 1st,

sachusetts line, a distance of about sixteen the stockholders at the annual meeting, held Jan, 1, 1877, be mortgage bonds, and that the directors be authorized to execute a mortgage of the franchise and property of this corporation such persons as trustees as the directors shall by vote determine upon for the purpose of securing the payment of said bonds and all existing debts and liabilities of this corporation. Second, that the directors be authorized to purchase of the Essex company such lands in Lawrence as they deem necessary for terminal facilities and execute a mortgage as security for the purchase money in whole or part. It was stated by Mr. Hosford that this land could be bought on terms of onequarter cash, balance on mortgage at 6 per cent, The bonds referred to in the first motion are for the sum of \$200,000 to extend the line in Lawrence.

Machinery and Mining.

The cars recently constructed at the Ranlet Factory at Laconia, N. H., for the Billerica and Bedford (Mass.) Narrow Gauge Railroad are five in number, and comprise one passenger, one baggage and two observation cars, and one passenger car with a baggage compartment. They are equipped with Air Brakes and the Miller Platform and Buffer. The observation cars are similar to the open horse cars in ordinary use on our street railroads. The passenger cars will accommodate 30 persons. The seats, holding one passenger each, are arranged as in ordinary cars. The passenger car is 40 feet in length, weighs 41/2 tons, and cost \$2,000. The whole number of cars belonging to the road is 11. The engines, two in number, weigh 12 tons each.

The Brooks Locomotive Works, Dunkirk, N. Y., have sold to the Chicago, Milwaukee and St. Paul Railway Company two 16×24 and two 17×24 locomotives.

The Portland Company have been at work changing the gauge of the enginer for the five railroads in that section which have just been reduced from the brond to the standard gauge. They now employ about 300 hands.

The Pittsburgh Locomotive Works is turning out two oil engines per day, giving employment in this and the locomotive department to two hundred men.

Two noiseless street locomotives have been placed upon the Fort Point branch of the Sutter Street (San Francisco) Railroad.

The Sacramento Record-Union says that the machinery at the railroad shops has had another novelty added to it in S. G. Reed's patent tireheater. Instead of having to build a bonfire around locomotive driving wheels, to expand the tire in order to release it, they now bring this machine—a circle of gas jets, flity-six in number, arranged to fit tires of any size—to the driving wheel, light the gas, and it does the job without further trouble.

One of the largest manufacturing firms in Worcester, Mass., which six months ago had no trade with the Southern States, now reports its best trade and promptest payments from that section,

Only six mines on Comstock lode are now yielding ore: they are the Ophir, California, Consolidated Virginia, Chollar, Belcher and Justice, and their aggregate weekly yield is 12,000 tons.

is arranging to ship to South America direct, via mend the loan. The interest on these two sums the Ohio and Mississippi rivers. It is thought it can be done at a profit.

The shipments of coal from Cumberland, Md. for the week ended September 29, amounted to 43.227 tons. Total shipments for the year 1,105,

Twenty-seven gold and silver mines in Nevada, California, Utah and Arizona have yielded for the month of August \$4,377,100. The aggregate yield by the same mines (from fifteen mines in January to twenty-nine in August) for the eight months ending with 31st August was \$30,251,300.

Billerica and Bedford Railread.

At a meeting of the stockholders of the Biller ica and Bedford (narrow gauge) Railroad Compaey, held at Billerica, Mass., on the 4th inst., the Treasurer, Wm. A. Hayes, reported that \$39,750 of the \$50,000 capital stock subscribed had been paid in, leaving \$10,250 still due. The unpaid bills amounted to \$15,040 99. The engineer, H. W. Blaisdell, stated that some four and a half miles of the line were wholly or partially graded, and that in his opinion it would require some \$2500 more to complete the line. This together with some land damages, etc., left an amount to be provided for of some \$19,540, and only about \$10,-000, represented by unpaid subscriptions, to meet George E. Mansfield, the projector of the road, and present manager, said the materials for the road had cost less than the estimates, but the construction was more expensive than was expected, so that the cost of the road will be \$60,000 instead of \$50,000. After discussion it was voted to issue mortgage bonds (in denominations of \$100, \$500. and \$1000) to the extent of \$20,000, if required, on which not more than six per cent interest is to be paid.

Eric Rallway.

The earnings of the Eric Railway Company for the month of July, 1877, were \$1,041,205, the expenses \$869,888, and the net earnings \$171,317; for the month of July, 1876, the earnings were \$1,192,980, the expenses \$888,519, and the net earnings \$304,461—showing a decrease in gross earnings of \$151,775, a decrease in expenses of \$18,681, and a decrease in net earnings of \$183,-144. The net earnings for the ten months past of the financial year exceed those of the same period in the former year by \$388,943. The traffic for July of the present year was interrupted by strikes.

New York and New England Railroad.

It is understood that the New York and New England Railroad Company made a proposition to the Legislative Committee to consider what disposition should be made of the State property in that road to the effect that the State should loan \$6,000,000, the Company giving as security \$9,-000,000 of the \$10,000,000 bottom mortgage bonds and also agree to pay 5 per cent, interest on the \$6,000,000 to be loaned, and 5 per cent. interest on \$3,600,000-the amount originally loaned to the Company by the State. For this latter amount the State took Berdell bonds. These bonds have since been converted into stock, and the pledge to pay the interest on this amount-which, of course, the company is not bound to pay until the full interest on the bonds is paid-was the inducement held out to the committee to recom-

at 5 per cent. would amount to \$480,000 per year. The Railroad Commissioners, in their report upon this subject last winter, stated that the net income of the road was about \$100,000 yearly. This income, it was supposed, would be increased when the company should purchase the Hartford, Providence and Fishkill Road, which they proposed to do with a part of this loan; and they proposed, also, to finish the road to the Hudson river. It seems, however, that the committee distrusted the capacity of the road to earn money enough to pay the interest. At any rate, whatever their reasons were, they have notified the company that they cannot recommend the proposed loan.

Northern Pacific Railroad.

To the Stockholders of the Northern Pacific Railroad Company:

The directors submit the following report of the condition of the company and the results of its management during the year ending Septem-

A full history of the reorganization of the com pany was contained in the report of last year, a large edition of which was published and distributed among the stockholders. As reference may be had to that report for general information up on the foreclosure of the mortgage, and the steps by which the bondholders have come into posses sion, and of the general description and value of the property, this report will be confined mainly to the business and operations of the year :

OPERATIVE DEPARTMENT.

The road has been worked, during the past year, with marked success. Entire harmony has prevailed between the officers and employes of the company, and we have been happily exempt from the strikes and labor troubles that so many roads have experienced in the pest season. The promise of increased business, which was indi-cated in the last report, has been realized, and we are enabled to make a very favorable exhibit of net results.

The gross earnings of the year are \$965,823 87, and the expenses, \$578,124 90, leaving a net balance of \$392,698 47, or an increase of nearly 25

per cent, over last year,

Liberal outlays have been made to maintain the road and its equipment in first class condition, and the cost is included in the expense account above reported. The extra outlays of the year, for new ties, over and above the estimated average, per annum, have been about \$25,000. This, and other expenditures from earnings, made necessary to meet the growing business, would fairly swell the net income to about \$450,000.

It is believed that the road and its rolling stock bears favorable comparison with any other rail road west of Chicago.

Owing to the kind of wood originally used, and its simultaneous decay, more than an average number of new ties were required this season. About 250,000 have been laid during the past nmmer on the Eastern division. Better kinds of timber are now used, and it is expected that the new ties will wear at least two years longer than the old ones have done.

Extensive repairs and renewals have also been made on the bridges, it being the policy of the management to endeavor to maintain a perfectly safe and first-class road in every respect

In the last report reference was made to the intention of the board to complete the snow fencing and other protection for the Dakota division, so as to comply with the request of the War Department, and keep the division open during the winter. It had previously been operated only in summer, because the amount of winter traffic did not warrant the required expenditure for protec-

We are gratified to be able to report that the traffic upon it paid running expenses during the

winter, and, notwithstanding the occurrence of snow storms of unprecedented severity, our trains were delayed less than those of the New York Central road.

The sources of business from which the income of the Minnesota and Dakota divisions is derived continue to develop in a healthy manner, and our relations to connecting parties are well established.

A fleet of more than thirty steamboats has oc-cupied the upper Missouri and Yellowstone rivers during the summer, connecting our Bismark ter-minus with Montans, and with the military and trading posts and the mining developments through that vast and attractive territory. Large quantities of merchandise and supplies are sent up nese rivers, and, in return, furs and the products of the mines are brought down for shipment to the eastern states. The passenger traffic of the se boats has also been large. Bismark is within two hundred miles of Dead-

wood, the principal centre of the go'd-mining re-gion of the Black Hills. A first-class stage and transportation line has been established between the two places. The prairie road is an excellent one, and the Bismark route is now the favorite between the states and the hills, giving our line an extensive business

On the Red river of the North, at Moorbead and Fargo, we connect with the growing business of the Canadian province of Manitoba and the large traffic of the Hudson Bay Company. Among other items of transportation, this year, more than three thousand emigrants have passed over our road and settled in the Red river valley.

The local growth and settlement on and adjacent to the line of the road, shows a steady and healthy advance, as detailed under the following heading:

LAND DEPARTMENT. IT TORQUES SIN

1	The land operations of the year are as follow	78 ::
1	Land sales 270,996,60 acres, for \$1,217,484	49
Ì	Deferred paymen's on contracts 1,693	
11	Interest 296	64
18	Stumpage sales 11,572	04
1	Iown lot sales	68

Total.				. \$1,232,85	74
In paym	ent of	the above	o there	has been	re-

Preferred stock	19,062	17
Deferred payment account	1 JTO 38	
Cash	13,756	24
Il and warmen't entitle of avelah 6970.		-

1 mailanoiza lind of \$1,282,851 74

The amount of securities of the company retired during the year, by exchange for lands, foots up over \$1,200,000;

The sales of Government lands within the limit of our grant have also been large. During the year ending June 1st, last, 337,000 acres were taken by actual settlers under the Pre-emption, Homestead, and Treeculture acts, representing an added population of at least 10,000 people on these Government lands alone.

The abundant crops of this season from lands under cultivation on, and adjacent to, the line. have turned the attention of people in every part of the country to our road, and there are indications of an incoming emigration next season that will be much larger than in any previous year. The wheat crop of the year upon the line of the road in Minnesota and Dakota is estimated at 75. 000 acres, yielding not less than twenty bushels to the acre, or an aggregate of a million and a half bushels, one-half of which may be expected to go forward this fall. It is also estimated that Manitoba will have a surplus of a quarter of a million of bushels this year to send to Duluth for ship-

DIRECT CONNECTION WITH ST. PAUL

Euch of the eastern business of the road as is not transported by water to or from Duluth, passes through St. Paul by way of the St. Paul and Da-luth (formerly the Lake Superior and Mississippi) Raffway. A more direct connection has long been in contemplation, by way of the Mississippi River valley to Brainerd. The St. Paul and Pacific Rai-road Company, first division, have in operation 80 miles on this line, extending up to Sauk Bapids. The remaining 64 miles to Brainerd was principally graded in 1872, when the work was abandoned for the want of means. The distance from St. Paul to Brainerd by this line is 80 miles less than the route via the Duluth road. This saving in distance, for an important portion of the traffic of the road, together with other important considerations, rendered it for the interest of this company that the connection should be made at an early day, and the subject was submitted to your consideration at a special meeting of stockholders, held on the 9th of May last, when it was resolved—

First. That the stockholders deem it to be the interest of this company to promote and secure the building of a line of railroad from Sauk Rapids to Brainerd, a distance of about sixty miles, and approve, ratify, and confirm the action of the president and directors in subscribing to 501 shares of \$100 each, being a majority of the stock of the Western Railroad Company of Minnesota, organized to build said road.

Second. That the directors are authorized, it necessary to secure such construction, to lease said road when completed, at a suitable rental, such as shall cover the interest on the securities issued to construct the same.

In pursuance of this authority the board pro ceeded to make agreements with the Western Rail road Company to secure the early completion of the road, and such progress has been made that the line will be opened for traffic within a few weeks.

The completion of this line, and of the extension on the Pacific division, adds 95 miles to the road in operation, making 650 miles to be operated by this company this fall,

EXTENSION OF THE ROAD INTO MONTANA;

At the special meeting of stockholders in May last the following preamble and resolution were

Whereas, It is the opinion of the stockholders that it is desirable to extend the company's line into the territory of Montana without unnecessary

delay, therefore, Resolved, That the directors he instructed to ascertain the cost of constructing the road from Bismark west into Montana territory, and to propose a plan for furnishing means for that purpose and report the same to the stockholders at a future

meeting of their consideration. The unexpected delays in getting Congressional action upon the bill extending the time for completing the road, and the difficulty of making further explorations in the Sioux country during the past season, have prevented the completion of any plan to report at this time. The hoped-for early passage of our extension bill will afford an oppor tunity for immediate action, and we trust that it may be in time to secure the cutting of the necessary timber and ties during the coming winter. This proposed extension of the road will reach Bismark, on the Missouri, to the mouth of Glendive's creek on the Yellowstone river, a distance of 205 miles It has been surveyed, and was specially reported upon by W. Milaor Roberts, chief engineer, in 1874, He describes it as follows:

MISSOURI DIVISION-TWO HUNDRED AND FIVE MILES

This passes from the Missouri river up the Sweet Brier branch of the Heart river, thence over the elevated, undulating prairies, on a nearly west course, to the Yellowstone, at the mouth of Glendive's creek, crossing on the route Little Missour river, the only considerable stream to be crossed. The boundary between Dakota and Montana, longitude 140°, is about 160 miles west of the Missouri river.

The country, of rolling prairie west of the Mi souri rises very gradually to the dividing grounds between the waters of the Missouri and the Yel-lowstone, ascending from 1,640 feet above the sea at the Missouri crossing to 2,800 feet above the

above the Yellowstone at Glendive's creek. The water at the mouth of Glendive's creek is 2,013 feet above the sea.

The work in general on these 205 miles is con paratively light, consisting almost entirely of earth-cuts and fills of moderate depth, excepting one very heavy cut in the vicinity of the crossing of the Little Missouri. There is no bridging of consequence after leaving the valley of Heart riv-

er; the streams can be passed with trestles of wood or iron. At some time it will be necessary to bridge the Missouri at Bismark. This will require a structure of magnitude.

The Missouri division is, on the whole, a very favorable line. Twenty-five miles west of the riv er, on the Sweet Brier branch of Heart river, good is found, and thenceforward all the way to the Yellowstone the country may be regarded as a large unexplored coal field, the outcroppings of coal being visible at numerous little tributaries on the ronte.

Mr. Roberts estimated that it would cost to construct this division at that time, \$5,135,086, or

about \$25,000 per mile.
Estimating upon the basis of the present cost of material and labor, his figures might be safely reduced two-fifths, bringing the probable cost of the division down to about \$3,000,000, or about \$15.000 per mile.

PACIFIC DIVISION.

The extension of this division to the Puyallup coal fields, as proposed in the last annual report, and as more definitely considered at the special meeting of stockholders in May last, has progressed to near completion. The grading of the entire 31 miles is floished, about one-half the rails are laid, and the balance is now being delivered at the company's wharf at Tacoma. Within the next thirty days the road will be in operation.

Good progress has also been made in opening the mines, and the coal will be in readiness for immediate shipments. The coal proves to be of excellent quality, acknowledged to be superior to any other yet opened on the Pacific slope, is cas-ily worked, and in abandant quantity. A ready and remunerative market is offered for all that can be mined.

The expectations on which this enterprise were based seem likely to be fully realized. A firstclass road has been constructed, with no grade against the coal traffic, and at a cost within the original estimates.

The total expenditure to the present time, for the road, equipment, wharves, bunkers, and mining developments, is \$472,081 03. It is estimated that the whole outlay, when completed, will foot up between \$500,000 and \$600,000, or an average of not over \$20,000 per mile of equipped road, including development of mines and constructing wharves, bunkers, &c.

The money for this outlay has been raised as follows:

From the net earnings of the road, about \$300,-000, and the balance from temporary loans among the officers and friends of the company.

The enterprise promises such results that it is expected, with some further assistance from the Eastern division, to clear off these loans by net earnings within the coming year.

LAKE PEND D'OREILLE DIVISION.

A rapid agricultural settlement is now being made upon that portion of our unconstructed line extending eastward from the Columbia river, at or near the confluence of the Snake river, through eastern Washington into Idaho, at Lake Pend D'Oreille, a distance of 200 miles. The high rolling plains of this region have, from the time of their first exploration, been considered wonders of pasture land, but the fact of their possessing also enormous grain-producing capacity has but been determined lately. The large immigration now pouring into the basin of the Columbia is al-most exclusively aiming at this locality.

Reliable persons who have visited the region

the soil. The Rev. G. H. Atkinson, of Portland, in a late communication to the Oregonian, says : The upper country gives signs of becoming a vast area of grain fields. The stock ranges, rich in bunch grass, are fast changing into far richer fields of wheat, which check the hills and valleys like a carpet. It is a marvel that the high hills produce all the cereals as abundantly as the plains. Its solution is due to a two-fold fact. First, the soil of this whole interior of high prairies was once the bed of a system of lakes, as appears from the lectures of Professor Condon, and illustrated by many fossils of lacustrine and tropical life found embedded therein. * * * *

These high table lands, under the plow, exhibit the finest tilth, from one to twenty feet or more deep, and alike through the whole mass. Unlike the dark vegetable mold of the Mississippi basin, the soils of this Columbia basin are whiter and more highly charged with the alkalies and fixed Western farmers are astonished that such whitish lands there, and in the Willamette valley, can produce the cereals; but they are more astonished to gather a harvest of 30 or 36 bushels of wheat per acre from these high tracts. also a surprise that the berry of all kinds of grain is so plump and large, and that the straw is so tall and strong. The wild rye grass of Yakima valley is like a withe for toughness. The bunch grass on the hill sides bends before the wind and springs back like a bow of steel. The willow and the poplar and other soft woods take on a kind of robust, oaklike strength.

The second fact which solves the problem of reclaiming this interior basin from mere pastures to farm lands, is that the invisible ocean of vapor, constantly borne inward from the Pacific, these high plains, can be cooled and deposited in the form of dews, mists, and showers, so as to furnish all needed irrigation. The complaint was made for thirty years that they were practically deserts. It is only a few years since the plow has moved up the hillsides. Now fields of wheat, oats, barley, and rye wave luxuriantly by the side of dry bunch tracts, even on the higher ranges.

The plow proves to be the cooler. It opens the light, porous soil to the air, which enters it freely, and parts with its moisture to nourish the plants. The higher the hill the quicker the cooling pro-cess occurs in the still air, so that the night dews and mists water the plants there best every evening when the wind dies away.

Some persons have tried to explain the growth of grain on the upper plains by a sort of capillary attraction, drawing up the moisture. But when ever the plow is freely used and the seed planted the growth of grain and vegetables becomes luxuriant. Orchards, groves, and fields increase the cooling surfaces, giving more moisture and more summer showers in all that region that had been rainless. The practical benefit already is a larger variety of productions, and a grand barvest of cereals for home and foreign markets.

It is reasonable to expect a wider area of cultivation every year. The day of doubt is passed. The experiment has been made. The plow, the reaper, and the wagon of this season must be duplicated the next, and so on, while markets demand supplies.

The wheat product of the adjoining Walla Walla valley is this year estimated at not less than a million bushels.

The division, at its western terminus, is 250 miles distant from the Pacific division, now in operation. An effective transportation line, connecting the two, is now maintained by the Oregon Steam Navigation Company, and the mild win-ters of the country cause but a very short inter-ruption to the navigation of the river. This navigation can be made use of until such time as the circumstances of the company permit them to un-dertake the construction of the expensive Columbia River division.

In view of the importance of affording facilities for settlement and development of this great wheat sea at the summit, showing an elevation of about this season bring glowing reports of the heavy field of the Pacific slope, and of reaching the rich!

1,100 feet above the Missouri, and about 780 feet crops raised, and the inexhaustible capacity of mineral regions of Idaho, your board will pre-

AMERICAN RAILROAD JOURNAL.

CONGRESSIONAL.

The Congress to meet in extra session in October next will be asked to extend the time for the construction and completion of the road. As you know, the bill introduced into the Forty-fourth Congress, granting eight years of additional time, failed to become a law. This, in brief, is the history of that failure: In the first session of that Congress and on the 16th day of February, 1876, the bill passed the Senate by a very large majority. It went to the House, and in regular order of business was referred to the Pacific Railroad committee. Congress adjourned its first session before the bill was reported to the House. The business of the second session was embarassed and delayed in an unprecedented manner by the uncertainty and excitement which succeeded the Presidential election. It was impossible to get your extension bill reported to the House in time to be reached on the calendar of regular business. A decision of the Speaker that under the rules a two-thirds vote was necessary to take it up for flual passage was, in the condition of affairs, fatal. It was late at night of the last day of the session.

The bill, just as it had been passed by the Sen ate, was reported and moved. There was very little, if any, opposition to it. It asked for noth-It asked for neither money nor ing but time. A great majority of the members ele to the House were unquestionably in favor of the bill as a measure of public policy and an act of justice to a vast body of innocent stockholders who had been disabled by the financial panic to complete the road on time. These stockholders, over 10,000 in number, constituted a strong influence in the constituencies of twenty-one states and territories. On the call of the roll 121 members did not answer to their names. They were absent from the House, worn out by protracted a ssions and excitement. The bill failed to get the two-thirds vote necessary to take it up, though it received a large majority of the votes of the mem

At the coming session of Congress this bill will again be introduced and urged. It is so manifestly an act of justice to the thousands of inno cent stockholders who have put nearly thirty millions of dollars into this national enterprise, the most of it the earnings of labor and the savings for old age, that we will not doubt that Congress will unhesitatingly pass the bill. The Government, the people's agent, has the greetest interest in its passage. If the Missouri and Yellowstone divis passage. If the Missouri and Yellowstone divisions of the Northern Pacific Railroad had been constructed three years ago, cutting the Indian country from the west bank of the Missouri river to the mouth of Shields river, a distance of only 545 miles, there would have been no wars with the Sioux. The road would have saved the deplorable loss of life and waste of money which have marked our endeavors to utilize that valuable region and make political and commercial connec tion with Montana Territory. The railroad would have settled the country and made the army unne

tween Missouri and Utah. The Northern Pacific would have done for the Sioux country west of the Missouri river what it has done for the region east of it. Before the con struction of your road 200 miles into Dakota, pre-datory Iudiaus roamed and hunted all over tha distance from the river, and made settlement impossible and navigation of the Missouri perilous, The road in two years rescued 200 miles width of buffalo and Indian range, and established wheat farms on it from which food is now exported to Europe. It is certain that what is known as the Sioux Indian country cannot be permanently pacified except by a railroad. The region, as the breeding nest of unceasing and costly wars, must be occupied by farms and towns. These cannot

cessary on its entire line. It would have done for northern Dakota and the Yellowstone valley what

the Union Pacific road has done for the region be-

sent, at the annual meeting, resolutions authorizing movements for the early construction of
that part of the road.

Northern Pacific Railroad. Certainly it would be justed, and in the morning the regiment returned
that part of the road.

Northern Pacific Railroad. Certainly it would be justed, and in the morning the regiment returned
that part of the road.

Septiment Religional Regiment Regiment Religional Regiment Religional Regiment R ing the road at its own expense, than to hold it, and yet not hold it, by military occupation in a line of forts, with the enormous cost of supplies by steamers and wagons

All of which is respectfully submitted. By order of the board.

CHARLES B. WRIGHT, President. New York, No. 23 Fifth avenue, Sept. 26, 1877.

Steel Tired Railroad Car Wheels.

An interesting test by hydraulic pressure was recently made at the Harlem Railroad machine shops, in the presence of a large number of railroad men, upon two of the Atwood steel tire railroad wheels, the peculiarity of which is that the tire is held to its place upon the centre by a packing of hemp, dispensing entirely with bolts or rivets. For the purposes of experiment, a wheel which had run 40,000 miles, the tire of which showed signs of being slightly loose, was first se lected. The experiment was to show that although a tire may work loose it cannot come off. the hemp packing interlocking and securing it beyond the possibility of an accident. The presenre being applied, the tire was seen to start at a pressure of three tons. The pressure being in creased up to 2416 tons, caused the wrought from ring which is simply used to cover the opening through which the packing is inserted to spring off. When the pressure was further carried up to 50 1-5 tons, it caused the tire of move off 234 inches (about half-way off,) but still left it firmly fixed to the centre. As a second experiment, a wheel was selected which had also run 40,000 miles, in sound condition. To this a pressure of 68% tons was applied, when the lire showed indications of moving less than one-sixteenth of an

experiments any further; the demonstration be ing perfect that tires secured in this way are safe beyond all contingencies.

A set of these wheels, which have during the past winter and summer run 180,000 miles, under a sleeping car weighing thirty tons, have fully demonstrated what is claimed for this wheel, the perfect fastening of a steel tire to an iron centre, decreasing the noise and jar, and also the wear and tear upon rails and journals.

Military Railway Building.

An interesting experiment was carried out last month by a detachment of the German " railway regiment" in order to determine the rapidity with which a line of rails could be laid down over ground presenting considerable difficulties, and also to ascertain the rate at which the work could be continued during the night by the aid of elec-tric and other artificial lights. The portion of railway constructed led from the station of Klaus dorf to the summit of some adjacent beights, rising fifty or sixty feet above the starting point. Its length was about 1,000 paces, and the gradients were, therefore, necessarily steep, in some places being as high as one in twenty. The work was begun at 7 o'clock in the morning, and by midday the rails were laid on the lower and more level balf of the road. In the evening the workmen were relieved by other companies of the regiment arriving from Berlin, and, although there was no moon, the work was steadily continued. Torches were employed where excavations or embankments had to be made ; but where more accurate work had to be executed or more dif-ficult operations had to be performed—as, for in-stance where rails had to be laid and adjusted the scene was illuminated by electric lights ar-ranged upon an elevated platform. Shortly after midnight all the heavy work was finished. In obtain even a footbold without the help of the two or three hours more the ralls were finally ad Treasurer,

Canada Southern Railroad.

The terms of the lease of the Canada Southern Railroad to the New York Central and Hudson River Railroad Company is officially stated as follows:

A new issue of bonds to the amount of \$14,000;-000, interest to commence Jan. 1, 1878, at the rate of 3 per cent for 3 years, and 5 per cent for 27 years, to be guaranteed by the New York Central Company for 20 years, is to be made as soon as the agreement is formally ratified by the Canada Southern bondholders and the New York Central Board of Directors. With these the Canada Southern first mortgage bonds are to be redeemed at 100; the Capada Southern Bridge bonds at 100; the Canada Southern second mortgage bonds at 31%; the Toledo, Canada Southern and Detroit bonds at 70; the Brie and Niagara bonds at 50, and the Michigan Midland bonds at 25. All coupons to Jan. 1, 1878, are wiped out. The bonds interested, according to the latest reports, are : Canada Southern, first mortgage, \$9,000 0 Canada Southern, accord mortgage, \$1,500,000 Canada Southern Bridge bonds, \$500,000; Tole do, Canada Southern and Detroit, \$1,400,000; Erie and Niagara, about \$450,000; Michigan Midland, \$400,000

Southern Pacific Railroad.

Mr. C. P. Huntington, agent and attorney of the Southern Pacific Railroad in this city, says regarding the controversy relative to the Fort Yuma Bridge which was discussed in the Cabinet recently:

The Southern Pacific Railroad Compay v. are authorized by act of Congress to build their road over government lands. They have laid their tracks through the military reservation of Fort Yuma, having written authority to do so temporarily, and have built a bridge across the Colorado at that point, over which bridge trains are now running into Arizons. This road is of immense advantage to the government, as Fort Yuma is a supply depot from which all the military posts in Arizons are supplied.

Atlantie, Mississippi and Ohio Ratiroads

The President of the Grand Trunk Rallway Company of Canada, Sir Henry W. Tyler, recently roade an inspection of the Atlantic, Mississippi and Obio Railroad of Virginia in the interest of the English bondholders.

He is chairman of the bondholders' committee in London. He stated just before sailing for England, on Saturday last, that the English bondholders had prepared a scheme for the reorganization of the road which had received the approval and hearty support of interested persons in this country. Prominent bankers and others in Virinia had assured him that there would be little difficulty in securing its adoption.

At the annual meeting of the stockholders of the Northern Pacific Railroad Company, beld in this city on the 26th ult., the following Board of Directors was elected: Charles B. Wright, of Pennsylvania; Frederick Billings, of Vermont; George W. Cass, of New York ; Jos. Dilworth, of Pennsylvania; F. Smith, of Pennsylvania; George Stark, of New Hampshire; Alexander Mitchell, of Wisconsin; J. C. Ainsworth, of Oregon; J. M. Denison, of Maryland; Richard C. Ashurat, of Pennsylvania. The Directors subsequently elected Charles B. Wright, of Pennsylvania, President; George Stark, of New Hampshire, Vice President; Samuel Wilkison, Secretary; and Geo. E. Beebe,

RAILROAD AND CANAL DIVIDEND STATEMENT.

sent, at the annual meeting, resolutions author- | Northern Pacific Estrond, Cortaining it would be juried, and in the morning the regiment returned ising movements for the early con brobbying test of the early con brobbying test of the pacific and private of the early con brobbying the property of the pacific of the early con brobbying test of the property of the early con brobbying test of the early contained test of the early con brobbying test of the early contained tes

arked thus (*) are leased roads.	ou. Dividend tanding. Periods.	Dividend Payable.	Marked thus (*) are leased litary occabacton in	Stock out- standing.	Dividend		Marked thus (*) are leased	stock out- standing.		Dividend Payable
bany and Susq*100	8,500,000 J. & J.	July '77 84	Little Miemt	5 991 AKO	B. William	201J0.70	The subject of the state of 1 1400	\$2,800,000	A . A O	Oct. '77 2
antic and Gulf 100	8,698,200 — & —	July 1714	Long Island	2,648,100	M. & B.	May 73 10e	Ware River	1,800,000	A. & O.	July '17 8 Apl. '77 3
antic and St. Law 100	5,000,000 M. & S.	Nov. 7834	Louisv., Cin. and Lex. 50	1,623,488	J. & J.	Jan. '74 44	Ware River	225,000 821,800	J. & O.	Apl. '72 2 July '77 4
on,Geneseo & Mt. M.*100 ltimore and Ohlo,100	226,000 A. & O.	Jan. 175	Louisville & Nashville. 100 Louisv., N. Alb. & Chi. 100	8,003,219	P. & A.	Aug. 77 11	West Jersey	1.559.7501	F.A. A.	Aug. '77.3 July '77.3
Vashington Br 100	1,650,000 A. & O.	Apl. 176 5	Lowell and Andover 100	500,000	J. & f.	July '77 31	Winchester & Strasburg 100	500,000		July '77 3
tabire	250,000 J. & D.	Dec. 72 2	Lowell and Andover 100 Lowell and Lawrence 100 Lykens Valley 100 Macon and Western 100 Marchester and Law 100 Marietts & Cincinnati 50 a 2d pref. 50 Massaying 2d pref. 50	600,000	F.M.AN	Aug. 75 24	Winchester & Strasburg*100 Worcester and Nashua. 75 HORSE-POWER R. R.	1,789,800	0. 00 J.	July '76 2
Clin. & Fitchb.pref.100	1,172,600 — & —	May '77 4	Macon and Western 100 Manchester and Law 100	1,000,000	M. & N.				-napoli	edi olg
gricultarial Est. guar 1001	60,000 J. & D	June 76 3	Marietts & Cincinnati 50	1,408,912	M AR	Son 188 2	Albany City 100 Baltimore City 25 Balt., Cet. & El. City 100	1,000,000	J. A. J.O.	Oct. '77 8 July '77 4
ston and Loweil500	800,000 M. & N. 3,200,000 J. & J.	Jan. 78 3	" 2d pref. 50	4,460,368	M. & S.	Sep. '66 36	Baltimore City	110,000	A. & O.	Oct. 77 4
ton and Providence.100	4,000,000 M & N	May 77 8	Memphis & Charleston* 25	5,812,725	J. & D.	Jan. 698	Broadw. & 7th Av. (NY)100	2,100,000	J. & D.	Oct. 77 4 Jan. 75 5 Jan. 76 8
tieborough Branch 100 L. Revere B & Lynn 100	350,000 quarterly	Dec. '76 2	Michigan Central 100 Mill Creek & Minehill*, 50	18,788.204	J. & J.	July 177 5	Brooklyn City & Newt 100	1,500,000	J. & J.	Aug.'77 3 July 70
falo, N. Y. and Erie*. 100	950,000 J. & D.	June 77 84	M. Hill & Schuyl, Hav. 50	8,856,450	J. & J. J. & J	July '77 34	Brooklyn Oity	488 100	- N -	July '71 8
den and Atlantic 50 a pref. 50	877,400 quarterly	Jan. '77 2	Mt. Carbon & Pt. Carbon.50	282,350	J. & J.	July '77 6	Cambridge	824,300	A. & O.	Oct. '77 4
nden & Burl. Co100	381,926 J & J.	July 177 8	Nashville and Decatur. 100	1,529,000	J. & D.	Dec. 176 3	Citizens' (Phil.)	500,000	A. & O. J. & J. M. & N.	Jan. '77 10
May and Millville* 50 usauqua & Fogelsv 50 awisse*	426,900 Novemb	Nov. 71 6	Nath, Chat & St. Louis.100	1,918 400	J. & J.	Apl. '77 14 Jan. '77 6	Citizens' (Pbg.) 50 Coney Island & Frookl. '(8	200,000 500,000	-4-	Nov. '71 7
pref 50	1,159,500 — & — 2,200,000 M. & N	May '77 34	Nesquehoning Valley* 50	1,000,000 977,400	M. A. S.	Sept.'77 5	D. Dock, E. B'dw, & Bat. 100 Sighth Avenue (N.Y.)160	1,200,000	F.M.A.N J. & J.	Aug. 75 6
and Sugar 50	1,000,000 M. & N.	May '77 34	Mithgan Central	1,800,000	quarterly	July '77 26	Bushwick (Brooklyn) 100 Dambridge	200,000	M. & N.	May '75 8
ar Rapids & Mo. R. *100 pref_100	6,850,400 F.M.A.N	Aug. '771	New Jersey 100	7,295,200	quarterly	Oct. 277 24	Frankf. & Southw.(Ph.) 50	491,750	J. & J.	July 175 8
trai of Georgia100	7,500,000 J. & D.	June 74 4	N Haven & Northamp100 New Jersey*	1,418,800 89,428,330	quarterly	Oct. '77 2	Germantown (Ph) 50 Girard College (Ph.) 50 Grand St. and Newton 100	500,000	J. & J. J. & J.	Jan. '77 5 July '71 3
tral of New Jersey-100	2,425,000 quarterly	Apl. '76 24	New York and Harlem.100 New York and Harlem.100 N. Y., N. H. & Hartf100 N. Y., Provid. & Boston.106 Ning. Bridge & Canand*100 North Carolina*	1,500,000	J. & J.	July 77 4	Grand St. and Newton 100	170,000	J. & J.	July '71 2 July '77 1
oref 50	400,000 J. & J	July :77 8	N. Y., N. H. & Hartf100	15,500,000	J. & J.	July '77 6	Heston, Mantau & Fairm. 60	2,050,000 2,050,000	J. & J. M. & N.	Jan. '75 1
mung 100	380,000 quarterly	Jan. 177 14	Ning. Bridge & Unnand*100	1,000,000	J. & J.	July '17 8	Lomb. & South Sts.(Ph.) 25	105,000	A. & O	May'77 4' Oct. '71 6
cago and Alten 100	10,065,400 M. & B.	Sept. 77 3	No Eastern (S.C.) pref. 100 No Eastern (S.C.) pref. 100 North Pennsylvania	96,000	M. & N.	May '67 4	Malden and Melrose 100	200,000 200,000	-4-	
earo Burl & Quiney, 100	2,425,400 M. & S. 27.598.242 M. & S.	Sept '77 8	North Pennsylvania 50	3,978,156 5,842,000	F. & A.	Aug. '7788	Metropolitan (Boston) 50	1,500,000	J. & J.	July '77 4 May '77 8
ago, Iowa & Nebras*100	3,916,200 J. & J.	July 77 6	Northern N. Hampsh100	8,068,400	J. & D.	June'77 24	Ninth Avenue (N. Y.) 100	797,820	M&N.	
pref100	12 274,483 A. A O	Oct. 177 8	Norwich & Worcester - 100	2,604,400	J. & J.	July '77 5	Philadelphia City 50	282,556 750,000	J. & J.	Jan. '77 3
pref.100	11,485,658 J. & J.	Jan. '77 24	"Genso, & L. Champl.*100	2,000.000	J. & J.	Oct. '77 4	Phila and Grey's Ferry 50	200,000 284,775	J & J. J. & J.	July '712 July '77 1
Ham & Davies 100	3,500,000 quarterly	Nov. 77 2	Ohio and Mississippi 100	4,030,000	quarterly	Mar. 175 91	Phila and Grey's Ferry 50 Pbg, Alleg & Manchester 50 Second Avenue (N.Y.) 100 Second & Third St.(Ph.) 10	200,000	M. & N.	NOV. 169 8
Band, and Clev 50	2,980,660 - & -	Apt. 17210	Old Colony	6,733,800	J. & J.	Mar. '75 34 July '77 3	Second & Third St.(Ph.) 10 17th & 19th streets (Ph.) 50	962,100	J. & J. J. & J.	Jan. '77 2 Oct. '76 3
v., Col., Cin. & Ind_100	A,991,276 F. & A.	Feb. '76 3	Odenst. & L. Champi. *100 Ohio and Mississippi 100 Old Colony	3,635,750	quarterly	July '75 1	Sixth Avenue (N. Y.)100 Third Avenue (N. Y.)100		MAN	July '74 2 Nov.'74 6
reland & Manoning . 50	1,236,150 quarterly	May '77 3	Paterson and Hudson*_100	7,000,000 632,000	quarterly	July '77 4	Third Avenue (N. Y.)100 13th & 15th street (Ph.). 50	1,170,000	J. & J.	Feb. '76 2 July '77 2
umbus and Xenia 50	1,786,800 M.J.S.D 2,500,000 F. & A	Bept.'77 2	Paterson and Newark*.100	250,000	J. & J.	July 157 9	23d street (N. Y.)100 Somerville (Boston)100	600,000	J. & J.	Jan. '75 4 May '77 8
cord and Ports # 100	1,500,000 M. & N.	May '77 6	Pember. & Hightstown*. 50	842,150	J. & J.	Jan. '75 3	South Boston 50	450,000	quarterly	Oc . '77 2
n. & Passump Riv. 1.0	2,100,000 F. & A	Feb. '75 8	Peoria & Buresu Val. 100	1,200,000	F. & A.	Feb. '77 4	Union (Phila.)	400,000	J. & J.	July '77 4
nections Hiver 100	1,292,950 J.A.J.O.	Apl 77 2	pref. 50	2,400,000	J. & J.	July '74 4	West Philadelphia 50	400,000	J. & J.	July '77 1
1st pref. 50	241,900 A. & O. 243,000 A. & O.	Apl. 77 4	Phil., Ger. & Norristwn* 50	1,026,260	M.J. S.D.	Sept. 77 8	Chesapeake & Delaware &	1,983,548	J. & D	Juneits
bury and Norwals . 60	600,000	Dec '75 1	" pref. 50	1,551,800	quarterly	July '76 8	Chesapeake and Ohio 25	8,229,594	- &-	And the
Lackaw. & Westn. 50	13,500,000 quarterly	July '76 2	Phila, Wh. & Balt. 50	11,561,250	J. & J.	July '77 4	Delaware and Hudson_100	20,000,000	F. & A	Aug. 77 4
roit & Milwaukee *_ 5J	2,095,000 J. & D.	Dec. 169 7	Special Imp. 100	5,504.298	quarterly	July '77 14 July 77 14	Erie of Pennsylvania 60	5,847,400 64,000	quarterly	Oct. '77 2
t Pennsylvania*	5,000,000 A. & O. 1,509,200 J. & J.	Oct. 177 2	Portland and Keynebes 100	460,000	J. & J.	July 77 2	Lehigh Coal & Navigat. 50	10,848,850	J.S D.M.	Sept.'76 1
Mahanoy 60	392,960 J. & J.	July'77 2.0	Yarmouth certificates 100	202,400	A, 4 O.	Apl. '72 8	Morris (consolidated) 100	1,026,000	F. & A.	Feb. '77 2
tern (Mass.)100	4,997,600 J. & J.	July '18 3	Providence & Worces100	2,000,000	J. & J.	Jan. '77 4	Pennsylvania 50	4,837,950	- & A.	Feb '77 5
aira, Jof. & Canand* 100	500,000 F. & A.	Aug. 74 2	Rensselaer & Saratoga *100	6,000,000	J. & J.	July 71 6 July '77 4	schuyl Nav. (common)* 50	1,908,207 2,888,977	F. & A.	A.'77 70c. A.'7 140c
ira Williamsport 50	500,000 M. & N.	May '77 2	Roch. & Genesse Val.*.110	2,998 900	3.4	July '75	Susq. and Tide Water 50	2,002,746	-&-	
Raflway100	8,636,910	Oct. 178 1	Rutlanu 100	2,480,600	- & -	Web int or	' preferred 60	2,907,860	-4-	
e and Pitteburg 50	1,090,250 quarterly	Aug.'77 1	St. Croix and Penobacot 100	100,000	J. & J.	July '71 2	MISCELLANEOUS.	lon.	ToT ALIE	in It date
orgia 100	4.200,000 J. and J.	Jan. '77 8	" " Haute-100	2,300,000	July	July '74 3	American Coal	1,500,000	M. & B	Sept.'772
nite Railway 100	260,000 J. and J. 19,287,404 A. and O.	July '76 4	St. L., I. Mt. & South'n 100 St. L., Kan. C. & North 100	14,248,950	F. & A.	Feb. '74 3	Calumet and Hecla Mining	18,000,000	J. & J.	July '77 1
mival & st. Joseph.100	9,168,700 F. and A	Aug. 170 8	Schuylkill Valleys	12,000,000	H.J. Mio	Nov. 172 \$2	Canton Mining Co	781,250	- & -	P. h
over Branch, (Pa.). 50	110,850 M. & N.	May '75 5	Scaboard and Rosnoke.100	1,151,400	M. & N.	May '77 3	Consolidation(Md.)Coal.100	10,250,000	M. & S.	Jan. '77 2
risburg & Lancaster 50	1,182,500 J. & J.	July '77 34	Shore Line 100	995,800	J. & J.	Jan. '77 4	George's Creek U & I100	500,000	J. & J.	July '77 8
nungdon & B'd Too. 40	1,180,000 quarterly	Oct. 177 2	South Branch (N. J.)* 100	169,000	A & O.	Jet 177 84	Maryland Coal Co100	100,000	P. A. A	Feb. '77 2
a pref. 60	450,750 J. @ J.	July '68 34	South Carolina100	5,819,275	F. & A.	Feb '72 1	Maripesa Gold100	2,836,600	4.	200, 101
ianapolis, Cin. & Laf. 60	7,685,497 M. & B	Sept. 17 2	Staten Island	660,000	J. & J.	July '07 4	Pacific Mail Steamship 100	20,000,000	M.J.S.D.	Sep. '62 3
a Bailroad Land Co 100	4,625,000 quarterly	May 277 1	Stony Brook* 100	267.800	M. & N	Nov. 76 8	Pullman Palace Car 100	6,000,000	F.M.A.N	Aug.'77 3
ersonv. Mad. & Ind. 100	2,000.000 quarterly	May '77 14	Summit Branch 50	4,125,000	SAA	Feb. 76 3	Quicksi'ver, commad100	5,700,000	. AVANY.	
iet & North Indiana 100	300,000 J. & J.	July '75 4	Syr., Bingham. & N.Y.*100	2,004,000	J. & D.	Dec. '76.4	Quincy Mining Co	29,000 shs	F. & A.	Feb. '774
ke Shore & Mich. So. 100	533,500 F. & A.	Aug. 177 1	Terre Baute & Indiana 100	1,988,150	J. & J.	Sept. 77 5	Spring Moustain Coal 50	1,750,000	J. & J.	July '77 6
eds and Farmington 100	450,000 quarterly	Oct. 77 2	Raterson and Hudson*100 Patterson and Newaria*100 Patterson and Newaria*100 Peinber. & Hightstown*5 Pennsylvania*5 Pennsylvania*5 Pennsylvania*5 Pennsylvania*5 Prof. & Dref. & Pref.	30,745,000	J. & D.	Dec. 174 3	Wells-Fargo & Co. Lan 140	7,000,000	F.M A.N	Aug. 76 5
lab & Gwenneham a 50	8.730.800 M. & N.	May '67 5	Ution and Black Biver_100	1,666,000	J. & J.	Jan. '77 3	West. Union Telegraph.100	83,801,175	quarterly	Oct. 77 1

	R	AILR	OAD	EAR	NING	8-M(NTH	LY.				
Atchison, Top. & San. Fe: January. 1875. 68,659 1876. 117,417 1877. 134,864 Central Pacific:	February. 78,410 144,132 136,350	March. 104,051 180,246 189,130	April. 112,474 197,996 200,681	May. 107,644 219,370 189,915	June. 104,437 186,641 185,731	July. 113,450 198,851 187,142		September. 147,552 265,593	199,926 285,000	November. 178,953 225,793	December 152,584 204,447	1,520,359 2,486,582
1873. 852,860 1874. 848,558 1875. 963,933 1876. 994,339 1877. 1,125,000	694,015 804,044 906,159 1,017,204 951,000	882,423	1,129,469 1,110,623 1,366,984 1,427,035 1,416,000	1,757,415	1,301,202 1,366,615 1,738,370 1,646,270 1,391,000	1,286,940 1,536,295 1,541,223	1,322,557	1,567,622 1,871,876	1,465,515	1,381,765	1,116,366 1,370,334 1,338,209 1,424,317	14,531,355
Canada Southern: 67,487 1875. 62,487 1876. 123,742 1877. 107,893	41,501 141,161 133,365	82,255 165,431 153,682	106,755 168,452 172,973	102,546 123,088 149,312	96,599 111,008 150,236	104,897 115,798 124,649	104,038 148,968	117,109 158,618	149,552 156,986	131,376 124,838	109,567	1,254,386 1,681,348
Chicago and Alton: 1873. 347,372 1874. 344,420 1875. 319,928 1876. 305,597 1877. 338,807	396,307 339,876 328,219 346,850 333,459	420,893 362,342 363,627 355,527 346,308	409,472 384,335 367,956 364,000 338,095	430,184 397,683 351,004 423,645 321,256	475,819 496,815 382,233 451,083 362,522	540,342 464,438 387,445 403,671 310,160	596,708 480,056 411,960 510,795 483,256	560,858 524,042 490,283 524,244 473,323	564,633 550,950 489,019 532,868	410,907 416,544 395,779 367,898	344,046 364,725 369,311 374,351	5,126,228 4,656,764 4,960,529
Chicago and Northwestern: 1874 1,014,514 1875 825,469 1876 808,842 1877 721,024	900,765 671,784 854,627 714,116	1,024,061 970,064 944,450 804,556	1,080,193 1,024,389	1,290,596 1,164,459 1,090,752	1,163,522 1.052,890	1,011,685 1,257,892	1,118,370 1,098,634	65.4 I 26 be	1,407,975 1,409,168	1,065,726 1,196,333 1,117,349	1,030,027 933,339	13,361,689 12,811,227 12,467,544
Chicago, Mil. & St. Paul: 1873. 334,715 1874. 654,426 1875. 466,101 1876. 527,546 1877. 375,460	423,716 657,497 323,273 517,112 405,000	555,287 576,271 502,765 567,644 469,000	574,258 742,051 639,669 650,961 515,000	805,802 964,930 718,465 819,562 606,000	929,211 886,709 742,169 877,693 589,000	685,270	704,373 630,516 569,775	645,831	862,153 974,262 817,259	927,030 765,230	747,893	8,953,017 8,255,744
Clev., Col., Cin. & Ind.: 1873. 363,921 1874. 378,408 1875. 277,140 1876. 296,258	413 043 292,730 255,239 329,321	448,924 328,537 301,666 299,675	413,443 3 52,993	436,459 317,881 303,689 315,950	411,260 345,188 285,947 320,783	393,806 338,572 291,386 263,177	465,503 418,721 306,105 335,895	466,796 387,376 383,550	423,893 409,237 364,738 333,298	353,564 367,295	325,399 333,036	4,248,606 3,774,217
Erie: 1872	1,329,422	1,460,174 1,515,382 1,430,911 1,074,743	1,541,958 1,556,922	1,754,821	1,463,961 1,717,593 1,648,988 1,570,470	1,784,894 1,545,380	1,546,175	1,879,764	1,680,196	1,529,307 1,447,666	1,522,585 1,287,551	18,694,096 19,548,617 18,136,787
1875. 94.532 1876. 142.969 1877. 122,796	116,286 156,111 132,961	138,779 174,335 157,217	147,439 148,573 186,966		122,455 141,426 165,449	138,087		187,575	188,976	178,40	158,81	1,927,933
1873. 602,241 1974. 5e3,998 1875. 591,031 1876. 553,574 1877. 466,498	517,674 481,681 577,702	660,759 561,793 595,519 580,004		672,234 604,881 606,134	692,416 602,505	627,454 715 899	711,969 613,446 600,179	758,536 718,101	838,307 816,508	668,94	3 680,43 679,43	7,900,72 7,802,556
Lake Shore & Mich. South'n: 1872	1,600,933 1,363,355	1,774,128 1,491,280 1,287,841	1,709,880 1,518,122 1,275,664	1,663,040	1,604,448 1,335,319 1,055,699	1,446,956 1,225,831 1,079,808	1,566,914 1,414,819 1,178,324	1,643,640 1,791,376 1,532,602 1,306,826 2,1,350,984	1,785,186 1,589,497 1,392,48	1,433,738 1,335,899 7 1,275,958	5 1,572,69 2 1,365,98 5 1,280,37	5 17,699,938 3 19,414,509 6 17,146,13 1 14,434,19 7 13,949,176
1876	204,539 254,722 235,308	233,095 245,814 247,505	192,471 214,786 221,656	187,091 212,928	221,444 233,126	211,735 224,306 253,126	263,208 3 294,36 3 323,34	3 291,827 1 324,144 7 307,17	305,14 335,27	4 300,53 5 324,88	4 295,73 6 296,46	9 2,904,921 6 3,217,27
1875	110	307,360	305,112		310,210	247,646 1.213.303	292,897 1.359.633	330,111 1,418,141	1,413,643	1 423 278	8 837.08	3,426,050 0 12,500,66
1872. 657,318 1873. 742,041 1874. 683,128 1875. 447,17:	3 645,090 745,100 737,381 417,644	823,683 1,258,470 1,190,328	1,044,251 1,379,009 1,321,509 650,270	1 1,116,387 1 1,308,450 1 1,433,450 689,193	1,167,008 1,382,096 1,373,229 917,516	9 1,071,407 6 1,321,543 895,453 4 1,555,974	1,143,24	1,190,698 1,547,475 1,468,807 1,656,258	1,322,041	7 1,127,030 1,324,348	0 891,79 3 1,049,136 958,136	1 12,199,740 14,990,000 14,361,12
1876. St. Louis, I. Mt. & South'n: 1973	281,911 281,911 312,116 352,407	226,286 275,910 295,000	214,620 264,560 273,000	251,509 275,147 264,900	238,606 294,63 252,643	3 235,250 1 226,241 3 252,821	254,230 1 283,95 1 274,160	292,216 7 333,776 0 374,000	358,770 383,600 440,600	5 250,866 4 429,766 0 450,33	2 221,349 0 385,000 5 497,650 2 486,30	9 2,539,536 0 3,244,07 0 3,802,949 0 3,980,58
St. Louis, Kans. C. & North'n: 1875. 208,081 1876. 246,531 1877. 240,04:	3 196,155 6 282,879	243, ⁶ 91 271,230	220,699	2 188,083 2 237,354	178,332 1 228,720	2 153,497 0 216,916	7 248,830 3 255,680	5 246,624 5 290,601	328,500	282,51	6 265,53 1 261,17	5 2,636,700 7 3,137,279
Toledo, Peoria and Warsaw: 1875. 71,43: 1876. 99,20: 1877. 78,57		72,808 102,737	74,809 7 118,04	9 70,592 3 125,209	77,963 135,92	89,402 8 92,745	2 113,018 9 143,54	1 145,028	137,97	8 101,07	5 98,06	2 1,411,73 5 1,120,48
Union Pacific: 1869. 1870. 528,528 1871. 479,57 1872. 273,936 1873. 523,971 1874. 620,711 1875. 574,931 1876. 664,98 1877. 815,35	500,139 3 373,920 5 534,110	539,236 5499,89 565,86 708,256 687,02 7918,96	9 584,54 1 741,80 6 881,26 6 834,95 6 1,095,81 1 1,054,186	797,941 3 802,586 0 724,466 2 890,442 6 1,007,83 4 910,066 4 1,273,224 6 1,201,955	746,456 728,174 835,459 1 969,863 5 902,88	2 623,560 0 643,056 4 673,693 9 743,385 3 876,835 1 850,145 4 1,088,985 5 978,781	617,58 664,05 681,86 789,56 837,27 1,042,51 1,015,45 1,363,17	1 728,521 5 800,405 7 863,754 7 1,068,93 6 1,063,99 9 1,155,94 6 1,305,98	719,696 777,36 980,700 71,170,58 34,141,93 11,266,92 31,365,50	8 570,166 2 708,145 5 915,725 6 970,666 8 1,000,59 9 1 037,59 9 1,236,48	8 505,05 2 469,93 7 757,85 0 758,83 8 997,15 3 903,15 7 990,98	2 .7,521;68 1 8,592,60 3 10 266,10 9 10 559 88 9 11,992,83 6 12,886,85

NATIONAL AND STATE SECURITIES.

er Gebrer Koromber, December, Total 2 18,924 138,853 186,564 530,356 3 255,000 255,783 204,467 2,486,586	Amounts outstand-	Rate	Payable.	WHEN PAY- ABLE	Marke Price.		Amounts outstand- ing.	Rate.	- Interest	PAY- ABLE.	Market
National Securities, Oct. 1, 1877. Loan of June 14, 1858 registered Loan of February 8, 1961 registered Coupon War Bonds of March 2, 1861 coupon Loan of July 17, and Aug. 5, 1861 registered	4,597,000 945 000 126,261,100	5 6 6 6	Jan. & July, Jan. & July, Jan. & July, Jan. & July	1874 1880 1880 1881 1881	109 1091 107 109 105	Massachusetts—(\$29,465,204): Lunatic Hospital Lean, 1874 Harbor Land Improvement bonds, 1874 Back Bay Land bonds, 1861 and 1862 Union Defense Loan, 1861 Union Defense Loan, 1862 Coast Defense Loan, 1863 Bounty Fund Loan, 1863 and 1864	650,000 400,000 220,000 1,850,000	5 5 6 5	Jan. & July. June and Dec.	1894 1894 1880 75-76 77-78	109
Loan of March 3, 1863 registered Loan of March 3, 1864 (5-20s) registered Loan of June 30, 1864 (5-20s) registered Loan of March 3, 1865 (5-20s) registered	53,917,406 21,082,600	6 6 6 6	Jan. & July. May & Nov. May & Nov.	1881 1881 1884 1884	109	Troy & Greenfield R.R. & Tunnel Loan. B., H. & Erie R. R. Loan Michigan—(\$1.64,000)	888,000 8,380,244 999,944 10,971,992 8,599,020	-	Various. Jan. & July.	1883 1894 1899 '88-'94 1900	••.
(5-20s)coupon 2d series (5-20s)registered (5-20s)coupon 2d series (5-20s)registered	106,597,600 18,429,000	6 6	Jan. & July. Jan. & July.	1885 1885 1887	105 1054 1074	• War Bounty Loan bonds, 1865 Minnesota-(\$2,755,000):	105,000 1,032,000 366,000		May & Nov.	78-'83 1890	110
(5-20s)coupon 4th series (5-20s)registered (5-20s)coupon Loan of March 3, 1864. (10-40s)registered	15,729,500 21,736,300 142,386,650	6 6 5	Jan. & July. Mar. & Sept.		1071 109 1091 106	Missouri-(\$17,839,000);	250,000 230,000 2,275,000	7 7 7	Jan. & July.	'77-'79 '88-'03 1887	
Consols of July 14, "70 & Jan. 20, "71 registered coupon Funded Loan of 1891. registered coupon Funded Loan of 1891. registered coupon Funded Loan of 1907. registered	52,179,000 219,418,650 289,021,700	5 5 44 41	F.M. A. & N. M. J. S. & D. J. A. J. & O.	1891	1074 1061 1061 104 104	State Debt Proper, 1865 and 1868 Consolidation bonds, 1868 Funding Bends, 1874 Railroad Aid bonds, 1852-66. State Institution bonds, 1872 to 1874.	439,000 2,727,000 1,100,000 15,868,000 505,000	6 6	44	'81-'91 1888 '94-'95 '79-'87 '92-'94	10
Debt matured and without interest(var.). Navy Pension Fund of July 23, 1868(cur.) Pacific R. R. Bonds (registered)(currency) United States Notes	19,334,820 14,000,000 64,623,512 856,978,654	4 3 6 mil.	Jan. & July.	1907 Due. Lrred. '95-'99	1011	Nevada—(\$100,000): Bonds funding floating debt, 1871 New Hampshire—(\$3,519,100): War Loan Bonds, of 1861 War Loan Bonds, of 1864 State bonds, 1872	213,000 600,000 500,000	6	Mar. & Sept. Jan. & July. Mar. & Sept. Jan. & July.	184-189	108
State Securities, latest dates. Alabana—(\$21,870,810): Book (old), extended.	2,582,800		May & Nov.	186-192	38	New Jersey—(42,496,300): New Jersey—(42,496,300): War Loan (tax free) bonds, 1861 War Loan (tax free) bonds, 1863 War Loan bonds, 1864	2,206,100 1,000,900 900,900 593,400	6 6	u u	'92-'05 '76-'84 '86-'96 '97-'02	108
Bonds (new), 1866, '68 '72 and '73	15,051,000	8 7 8 6 7	Jan, & July.	1894 '90 '91 1899 1900		Bounty Loan bonds, registered 1 State (Deficiency) Stock, '38, part at will Canal Stock (old)	1,057,000 14,855,000 889,781 880,000 1,562,300	0	J. A. J. & O. une & Dec. Jan. & July.	1877 1877 1878 1877 1887	101 101 106 102 120
Deficiency Bonds, 1872	5,800,000 11,500	777 7	April & Oct. Jan. & July.	1882 1895 1900 '77-'80	3	Oanal Stock, 1873. Canal Stock, 1873. Canal Stock, 1874. North Carolina—(228,419,045): Railroad and Improvement (old) bonds.	\$47,500 4,302,600 2,000,000 4,738,800	6 6	April & Oct. Jan. & July.	1883 1891 1892 '75-'98	115 119 120
Belief Fund bonds, 1868	500,000 2,801,006 508,900	7 7 6 6	Jan & July.	1883 1885 1893 1881 '83-'84	iic	Railroad and Improvement (old) bonds. Railroad and Improvement (new) bonds. Railroad and Improvement (new) bonds. Funding (new) bonds, 1868. Funding (new) bonds, 1868.	3,639,400 2,383,000 1,695,000 2,417,400 1,711,400	6	April & Oct. Jan. & July. April & Oct. Jan. & July. April & Oct. April & Oct.	75-'98 '75-'+8 1900 1898	
War Loan bonds (20 yrs), 1863 and '64 War Loan bonds (10-30 yrs), 1864 War Loan bonds (20 yrs), tax free, 1865. Delaware—(\$1,231,000): State bonds to railroads, etc	568,500	6 6				Onio—(\$7,988,205) : Lean (sinking fund), 1850	11,407,000 11,865 4,082,840 2,400,000	6 6	Jan. & July.	1876 1881 1886	104
District of Columbia—(\$12,790,000): Improvement (columbia) 1872 Improvement (cur.) bonds, 1873 Funding bonds, 1874, (guar. by U. S.)	790,000	6 7 3.6	Jan. & July.	1892 1893 1924	741	Oregon—(\$24,027): Bounty and Relief bonds	46,027	7	# . # . # . # . # . # . # . # . # . # .	75-'84 1890	
Forlda—(\$4.\$1,767): State bonds, 1871	\$09,200 4,000,000	7 6 8	Feb. & Ang	1891 1903 1890 '78-'86	98	Inclined Plane Loan, of 1849 Loan of April 1852, reg. and coup Loans, May '52 & Apr. '52, reg. & coup. Loan Stock Loan of Feb. 2, 1867, 2d series Block Loan of Feb. 2, 1867, 3d series	400,000 395,000 3,518,500 87,000 3,000,000 9,995,800	5*	April & Oct. Jan. & July. Feb. & Aug.	1882 '77-'78 1882 1877	102
Bonds, act March 12, 1866 Bonds (gold), act Sept. 15, 1870 Bonds, act Jan. 18, 1872 Bonds, act #cb. 19, 1873 Bonds, act Feb. 24, 1876 Bonds, act Feb. 19, 1877	3,600, 00 2,098,000 807,500 900,000 542,000	787	Jan. & July. J. A. J. & O. May & Nov. April & Oct. Jan. & July.	1886 1889 1892 '78-'86 1896	100	Agricultural College Land Scrip, 1872 Rhoae Island—(42,088,000): War Loan bonds of 1862	1,019,000 1,619,000	6	*******	1882 '93-'94	10
Illinois—(\$1,689,045): . Interest bonds, 1847	940,445	6 6 6	Jan. & July.	1878 var.	101	State House bonds, 1853 and 1854cur. Blue Radge R. R. bonds, 1854 Funding Stock and bonds, 1866 Funding and Conversion bonds, 1868-69	944,918 287,000 867,000 884,113 3,764,850 261,000	6 6 6	4 4 4 J. A. J. & O.	'77-'89 '71-'80 '75-'79 '87-'97 '82-'89 1889	7 80
Temporary Loan bonds, 1873	800,000	7	to atauco	1881		Fire Loan Stock of 1838	292,641 616,000 1,391,084 4,707,608	6 7 6 var	Jan. & July. J. A. J. & O. Jan. & July. Various.	1868 1888 1893 var.	3
Funding &c. bonds 1863 to 1864 Bonds (various) 1866 to 1869 Military lean bonds, 1864 to 1869 Louisiana—(\$21,099,100): Treasury Relief bonds, 1853	889,000 846,000 735,000		Jan. & July	'76-'9 '84-'9	43	. State Bonds (direct)	2,641,000 28,580,000 7,141,000 6,222,000	6 6	April & Oct. Jan. & July.	30 yrs 30 yrs '97-'99 1914	9 4
Levee bonds, 1867. Levee bonds, 1867. Levee bonds, 1870. Funded (Goupon) bonds, 1866. Funded (Goupon) bonds, 1866. Funded (Boupon) bonds, 1870.	3,992,000 2,966,000 722,100 2,821,000	8 6 8	May & Nov Mar. & Sept Jan. & July May & Nov	1910	58 58 8		125,000 75,000 697,000 500,000	6 6 7*	46 64	1877 1892 1910 1892	
Penitentiary bonds, 1869	9 389,000 2,335,000 1. 4,750,000	7.	Mar. & Sept Various. Various. Jan. & July	1899 '72-'0 '99-'1	6	Funding (currency) Bonds	1,000,000 279,000 400,000 1,100,000	10 10 10	Mar. & Sept. Jan. & July.	1904 1876 1584 1894	
wyland—#11,095,019): Bonds to R. H. and Canals Bands to R. R. and Canals Defense and Bounty bonds 1884 to 1888 State Loan bonds, 1870 and 1874.	. 889,836 . 8,833,583	5 6 6	Jan. & July	1890	109	Virginia—(\$50,556,403): Coupon (old) bonds, 1851 to 1861 Registered (old) bonds, 1851 to 1861 Coupon (new) bonds, 1866 and 1867	312,000 7,562,652	6	Jan. & July.	'75-'96 '86-'96 10 to	5 3
Maine—(\$7,088,400): Civil (var.) bonda, 1857 to 1861	. 171,000 8,882,500	000	Various. Various.	'75-'7 '80-'8	8 106 9 112	Registered (new) bonds, 1866 and 1867 Consol. (coup receivable for taxes) 1871 Consol. (coup. not so receivable) 1872	20,289,005 2,442,784 15,239,870	6 6 6	4 4	1906 1906 1906 conts	72

AMERICAN RAILROAD BOND LIST. Asterick (*) affixed to rate of Interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Rate	Interest When.	Where.	Due.	Price	Description of Bonds,	Amount.	Rate	When.	Where.	Due	1
dirondaek:	8	-				-	Bine Ridge, (S. Car.):	40000000		Toronto Toronto	Charleston.	1898	1
1st Mortgage	940,000	7	Jan. & July.	New York.	1886		Boston and Albany:	4,000,000	673	Jan. & July.	formune, lat I)	L Jel	2
lat Mortgage, guar, by Ala			Jan. & July.	New York.	1889		Currency bonds of Feb. 1, 1872. Loan of 1875	2,000,000	6	Feb. and Aug. Jan. & July.	Boston,	1896	2
2d Mortgage	2,673,000 1,200,000		Londontionel	m Hon Jul 9 to	1889		Boston, Clinton and Fitchburg:	1 1		Padiffic	Property Union	with the	J
abama and Georgia :	that when	AJA"		ore 2d sortes	1 3 1	V. V.	1st Mortgage (Agricultural Br.).	400,000		Jan. & July.	Boston.	1884	
ist Mortgage, guar by Ala.& Ga. abama Central:	16,000pm	8	Jan. & July.	New York.	1891		1st Mortgage (Equalization)	300,000 252,000	7	# #	Man No.	1889	į
ist Mortgage	1,600,000	8	Jan. & July.	New York.	1901		Equipment Mortgage	870,000	8	Apr. and Oct.	mit droll ba	1881	
Dany and Susquenanna:			Spear plant for	Now York	1888	103	Boston, Concord and Montreal: Sinking Fund Mortgage	624,000	6	Jan. and July.	Boston.	1889	
st Mortgage	1,000,000 2,000,000	7	Jan. & July. April & Oct.	New York.	1885	92	It start you'very behalf on a	1,041,006	7	Apr. and Oct.	Boston.	1893	ĺ
d Mortgage	484,000	7	May & Nov.		1881	90	Consol. Mortgage for \$2,000,000. Soston, Hartford and Erie:	346,000	6	4. ra .q 6(#, 5)	Hop Summer	1893	
Albany Loanexandra and Fredericksburg:	983,900	6	S	4	1895	***	1st Mortgage (old)	273,600	7	Mar. and Sept.	Boston.	1884	
at Mortgage	1,000,000	7	June & Dec.	Philadelphia	1896		1st Mortgage (Berdell)	15,000,000	7	Jan. and July.	New York.	1900	
egneny Valley: leneral Mortgage	0.007.000	* 0	Total Section	New York.	1896	1071	Mass. L.(sec'r'd by\$4,000,000Ber.)	5,000,000 3,600,000		4	Boston.	1900	
pecial Mortgage to Penn	8,500,000		Jan. & July. January.	Harrisburg.			Boston and Lowell:	15 7 7000	POU	and the season bell	di danetti da	0719 KG	
st M., E. Ext., guar, by Pa. R.R.	9,938,000	-7	April & Oct.	Phil. or Lond	1900	88	Bonds (Wharf Purchase) Bonds of 1872 for \$1,000,000	999,500		Apr. and Oct.	Boaton.	1870 1892	
Funding Income (traffic guar.) merican Central:	5,402,900	7	2. instanta v	Pittsburg.	1894		Bonds of 1875	500,000	17	Mar. and Sept.	bee . Boids	1896	į
st Mort., guar. by C., B. & Q.	386,000	7	Jan. & July.	New York.	1878	1014	Bonds of 1876	161,000		Jan. and July:	racing Charles	1896	
idroscoggin:	405 000	l a	Ton & Toles	Bath, Me.	1891		Boston and Maine: Bonds of 1893 (coup. and reg.)	8,200,500	7	Jan. and July.	Boston.	93-10	į
st Mortgage (Bath Loan) kansas Central (narrow gauge):	425,000	.0	Jan. & July.	Date, me.	1001	-	Boston and New York Air Line :	0,200,000	1	L (blug abroud)	artible 20 Synth	Cent	
st Mortgage	1,200,000	7*	Jan. & July.	Lond. or Ams	1891		Ist mortgage Boston and Providence:	500,000	7	Feb. and Aug	New York.	1895	
intabula, Youngstown & Pitts.:	1,500,000	7*	April & Oct.	New York.	1901		Bonds to purchase P., W.&B.Rd.	500,000	7	Jan. and July.	Boston.	1893	
2d Mortgage, Income	400,000		Jan. and July.	Pittsburgh.			Brunswick and Albany:	1,29 1006	LO:	Men many	Now Verb	M. Tak	
chison and Nebraska:	3,750,000	1	March & Sept.	Boston.	1896		let Mort.(gold)end. by Ga.tax fr. 2d Mort. sinking fund gold	3,630,000 2,350,000	7	Apr. and Oct.	New York.	1908	
chison, Topeka and Santa Fe:	0,100,000	-	Later Date (Tell	et militate hos	Prefer		Buffalo, Bradford and Pittsburg:	19 1000	Uni	us Cooken'd Bo	bonds (Cen. F	Ditto.K	
st Mortgage (gold)	7,041,000	7*	Jan. & July.	New York. Boston.	1899	88	General Mortgage	580,000	7	Jan. & July.	New York	1896	j
Land Grant Mortgage (gold) lst Mort. (Wichita Br.) traf. guar	3,369,600 412,000	7*	Jan. & July. April & Oct. Jan. & July.	4	1902		1st Mortgage	700,000	7	Jan. and July.	New York.	1886	
Pottawotomie Land Grant	479,000	7	May & Nov.	N. Y. or Bos		494	Buffalo and Erie:	F 1 1000	1	theated Ohol	New York,	1882	
Consol. Second Mort. (gold) Land Income bonds			Jan. & July.	Boston.	1903	101	Mort. bonds (ass'd by LS&MS)	200,000		Jan. and July. March & Sept.) . Hall triffere	1886	
lanta and Richmond Air Line.	A STATE	100	A CALADA C ALL	Marine Lagr	de en bi	11 5	Mort, bonds (" "	2,850,000		Apr. and Oct.	1.36016 la6m.	1898	
let Mortgage (guar, by Georgia).	4,248,000	8	Jan. & July.	New York.	1900	50	Buffalo and Jamestown: Mortgage.	1,000,000	1 8		New York	1902	
lantic and Great Western:	14,922,200	74	Jan. & July.	N.Y. or Lone			Dunaio, New York and Erie:	187 B Joor	A DOS	MG Jebill most	D 7 14174	THE	į
ad Mortgage (gold)	10,173,679	7*	March & Sent	4	TANT		lat Mortgage Renewal Bonds Buffalo, New York & Phila.:	2,380,000	7	June & Dec.	New York.	1916	į
d Mortgage (gold) Income lantic and Gulf:	28,783,000	7	May & Nov.	Me a philosop	1902		1st Mortgage	2,296.000	8	Jan. & July.	New York.	1896	į
Consolidated 1st Mortgage	2,310,200	7		New York.		86	2d Mortgage for \$1,000,000 Burlington, Cedar Rapids & Nor.:	281,500			andmurlo(M,4	1898	į
ist mortgage (B. Ga. & Fla. R. R.)	464,000		May & Nov.	4 4	1888 1889	****	lst Mortgage, stg., skg. fund	5,400,000	7	May & Nov.	N. Y. & Lond	1010	į
2d Mortgage (S. Ga. & Fla. R.R.)	200,000	7	(Color) (Sto)	THE SHOP	1000		lat Mort., (gold) Mil. Div	2,200,000		Feb. and Aug.		1902	ĺ
lst Mort. (gold) for \$5,000,000		74	Jan. & July.	New York.	1901		Rurlington and Missouri River:	1.1.	1.	Anil & Out	N V A Part	raner	į
tlantic, Miss. and Ohio (428 m.): 1st Mortgage for \$15,000,000	5,470,000	74	April de Oct.	New York.	1901		Land and R. R. Mortgage Stock Bonds pref. 3d lien	4,638,25		Jan. & July.			į
2d Mort. to State (no int. till '80).	4,000,000						Stock (common) Bonds	289,50	0 8	April & Oct.	N. Y. & Bost	1879	į
lantic and Pacific: Land Mortgage gold bonds	2,829,000	R	Ton & Tule	New York.	1888		Stock (common) Bonds	280,00 401,00		Jan. & July.	old tax wir	1894	į
20 Mortgage for \$3,000,000 (gold)	2 015 600	6	Jan. & July. May & Nov.	4 1 1 14	1891		Burlington and Mo. Riv. in Neb.:	100	Po	0.61,006,000,8184	gold abg ld f	187 187	į
1st Mort. (So. Pac. R. R.) assumed	7.188.500	6	Jan & July.	4 4	1888		1st Mortgage convertible Bonds convertible until 1882	5,715,00		Jan. & July.	N. Y. & Bost Boston.	1894	į
lst Mort. (Central Div.) gold lst Mort. (Central Div.) L. G	794,000	6,	May & Nov.		1901	****	Burlington and Southwestern:	600,00		8	Donott.	1000	į
Equipment Bonds	753,000	10	June & Dec.	and the de-	1888		1st Mortgage (\$20,000 per mile)	1,800,00	0 8	May & Nov.	Boston.	1891	į
Income Bonds (for funding) Land Debentures			J. A. J. & O.		1883 1884		Cairo and Fulton (Arkansas): 1st Mort. (R.R. and lands) S.F.	8,000,000	0 7	Jan. & July.	New York,	1891	
liantic and St. Lawrence:	hard E 1000	1	0 100 Te 2010	mark Contracts	20.00	1	Cairo and St. Louis (8 ft gauge):	0 100	18.3	D 10000 (42100)	catt shood in	OOUR P	-
Sterling bonds(not Mort.) of 1853. 2d Mortgage (sterling) of 1864	484,000	6	May & Nov.	66 cm	1878 1884		lat Mortgage	2,500,00	0 7	April & Oct	New York.	1901	
30 Mortgage (aterling) of 1971	712 000	6	April & Oct		1891		lst Mortgage, gold	3,500,00	0 7	* April & Oct.	N. Y. & Lond	1909	į
Portland City Bonds, 1st M., s. f.	787,000	6	4.	Portland.	1886		2d Mortgage	1,500,00	0 7	Jan. & July.	inolla has	1890	
1st Mortgage	354,000	6	Jan. & July	Philadelphia	1881		1st Mortgage, sinking fund	2,250,00	0 7	Jan. & July.	New York	1889	į
me ment charge second second second	100,000		a day	100 160	1884		Extension, or 2d Mortgage	8,500,00	0 7	# H M.		1880	ė
Loan of 1850-280		1 0	Jan. & July	Baumore.	1880	103	2d Income, or double track b'de Camden and Amboy:	1,600,00	100	Jan. & July.	Alt Jebeus	1801	-
Loan of 1853-35	1,710,000	0 6	April & Oct	4	1885	105	Loan of 1883	1,700,00	0 6	Feb. & Aug.	Philadelphia		
Loan of 1855-'90 (Balt.) skg fd Loan of 1870-'95 (stg.) skg fund.	3,253,026	al a	Ton Ar Tule	4	1890 1895			866,00	0 6	June & Dec.	Princeton.		į
Loan of 1872-1902 (stg.) S. F	3,398,956 9,198,852	2 6	March & Sept		1902		Sterling Loan, S. F. (£262,000).	1,286,08	0 6	· Feb. & Aug	London.	1880	
Loan of 1874-1910 (stg.) S. F.	9,576,000	6	* May & Nov	44	1910		Camden and Atlantic:	8 100	3 15	HE International	The country little	CALLY	
altimore and Potomac: 1st Mort. (Tunnel) gold guar	1,500,000	0	Jan. & July	Baltimore.	1911		1st Mortgage	490,00	0 7	April & Oct	Philadelphia	1893	
lst Mortgage (R. R.) gold guar. angor and Piscataquis:	3,000,000	0 6	* April & Oct		1911		2d Mortgage Camden and Burlington County:	1	de:	Ma James Commerce	*************	0.000	
lat Mortgage (Ranger loan)	600,000		1	C OR A DECEMBER	1899		Consolidated 1st Mortgage Canada Southern:	1	0 6	Feb. & Aug.	Philadelphia	1897	
1st Mortgage (Banger loan) 1st Mort. (Bangor loan) extens's	120,000		April & Oct		1901		1st Mort.(skg fd)g'd for \$9,000,00 Cape May and Millville:	9,000,00	0 7	Jin. & July.	New York.	1906	
y City and East Saginaw:	1 1 1 1 1	1	phone and a	Detroit	1886	4 17 3	Cape May and Millville:	400,000		April & Oct.	Camden.	M. Je	
lst Mort. guar.by F & P.Mrq.Co dford and Bridgeport:	100,000	10	Jan. & July	(10) HIGH H	1 M. Je		2d Mort, guar. by W.Jersey R.R. Carbondale and Shawneetown:	200,000	19	1 010 Files	T all dill a	****	
lst Mortgage lfust and Mooschead Lake :	1,000,000	0 7	April & Oct	Philadelphia	a. 1892		1st Mortgage Carolina Central :	200,000	7	Jan. & July.		1902	
elfast and Moosehead Lake:	150,000	10	May & Nov	Portland.	1890		1st Mortgage	3,000,000	6	Jan. & July.	New York,	1023	
ellefonte and Snow Shoe:	1		may a Hov	DECEMBER OF A	(1) (1) (2)		1st Mortgage	3,000,000			2. 45ch (.4.)	1014	
lst Mortgage	99,00	0 6		Philadelphi	a. 1883		Carthage and Burlington : 1st Mort., guar. by C., B. and Q.	266,000	8	May & Nov.	New York.	1879	
el'efontaine and Indiana : 1st Mort., assu'ed by C.,C.,C.&I	453,000	0 7	Jan. & July	New York	1899		Catawissa:	200,000		and a Mov.	ere consistential	186 an	
elleville and Southern Illinois:	12 1 18	100	1000 010	to and public	palls in	18	1st Mortgage (old)	230,50	7	Feb. & Aug.	Philadelphia.		
1st Mort., guar. by St.L.A.& T.H eioit and Madison (C. & N.W.)	1,100,00	0 8	April & Oct	New York	1898	85	1st Mortgage (new)	1,800,000	7	May and Nov.	Logs Abadio	1900	į
1st Mortgage (guaranteed) elvidere Deiaware:	284,000	0 7	Jan. & July	New York.	1888		Cayuga Lake:	1 8 0	10	Part Francy Lines	AL AD SHIP TO	200, 20	ı
elvidere Delaware:	1121 111	100	Transaction.	Protes letter	11/26		Cayuga Lake: 1st Mortgage	800,000	7	June and Dec.	New York.	1901	į
1st Mortgage (guar by C. &) 2d Mortgage (A. Co. and	499,500	0 6		New York Philadelphi			1st Mortgage, gold	250,000	7	Feb. & Aug.	New York.	1909	ĺ
2d Mortgage A. Co. and 3d Mortgage Penn. R. R. Co. lingham Canyon & Camp Floyd	745,000			6 6	1887		1st Mortgage, gold			110136	VILE SUPPRISEDE	71537	l
board were I to move at a manual	240,000	1	the forestances	SECTION SECTION	A 164 7		1st Mort. (C. F. to Waverly) 1st Mort. (W. to Minn. Line)	198,000	1 1	APRI & UCL	New York.	1884	

An Asterick (*) affixed to rate of interest signifies "Payable in Coln."

	Description of Bonds	Amount.	3	Interest	Payable inpas	ne.	Price	Description of Bonds	Amount.	te.	Interest	Payable,	Due.	loe
	Penciphon of Donas,	-	R	When.	Where,	Da	A	Donate of Bonds 17		Rate	When.	Where.	ā .	Price
81	Cedar Rapids & Mo.Riv. (C& NW): lat Mortgage, lat Div. \$10,000pm lat Mortgage 2d Div. \$10,000p.m. lat Mortgage 3d Div. \$16,000 p. m.	678,000 582,000 2,400,000	17.	Feb. & Aug.	New York.	1891 1894 1916	101 99 1001	Ohicago, Iowa and Nebraska: 2d Mort. (now 1st) guar. C&NW 3d Mort. (now 2d) guar. C.&NW Chicago and Lake Huron:	568,200 211,500		Jan. & July. Feb & Aug.	Boston. New York.	1880 1892	102
di	Central Branch Union Pacific: 1st Mort. (Atch. & Pike's Peak).	1,600,000	8"	1 type of the 22	New York.	1895	49	lat Mort. 1st series (Peninsular,) 1st Mort. 2d series (") 1st M. (Port Huron & L. Mich.)	1,800,000 2,000,000 1,800,000	7*	May and Nov.	N.Y. or Lond.	1899 1900 1899	
9	2d Mortgage Governm't st. ssidy: dentral of Georgia: General Mort. for \$5,000,000 Macon & West. (Atlanta D.)b'ds	2,222,000	1	Jan. & July.		1893		2d Mortgage (Peninsular.) Consolidated Mortgage	540,000 12,000,000	7	Feb. and Aug.	New York.	1881	
170	Oentral of Iowa! lat Mortgage, gold, \$16,000 p.m.	3,700,000	7*	April & Oct. Jan. & July.	New York,	1899	321	Chicago and Milwaukee Railway: 1st Mort., guar. by C. and N.W. Chicago and Mich. Lake Shore:	1,700,000	7	Jan. & July.	New York.	1898	107
	Quentral of L I. (Flush, N.C.&C.):	925,000	7.	April & Oct.	New York.	1991		lst Mortgage	8,500,000	8:	March & Sept. Jan. & July.	Boston.	1889 1890	
-	Oentral of New Jersey: Convertible bonds of 1872	4,400,000	7	May & Nov.	New York.	1902	631	1st Mortgage	1,350,000 1,325,000	8	May & Nov. March & Sept.	4	1891 1892	-
	Newark Branch Bonds Loan of Leh. C. & Nav. Co. (asu!d)	5,000,000 600,000 2,310,000	7	Jan. & July. J. A. J. & O.	Philadelphia.	1890 1887 1897	110	lst Mort. (La Crosse Division.) 1st Mort. (Chic. and Mil. Div.) 1st Mort. (East. Div. Palmer.)	8,000,000 2,500,000 2,500	7	Jan. & July Jan. & July May & Nov.	New York.	1893 1903 1874	100
×	Censol. Mort. for \$25,000,000	15,000,000	7	£000 % 0,	New York.	1899	101	1st Mort. (Minnesota Central.)	190,000	7	Jan & July	66 66 66 66	1897 1894	94
	Let Mortgage guaranteed	25,883,006	6*	Jan. & July.	New York	195_191	105	lst Mort. (St. Paul Division.) 1st Mort. (Iowa and Dak. Div.) 1st Mort. (Prairie duChien Div.)	748,000	7	" a " a Feb. & Aug	66 64	1902 1899 1898	80
D	Ist Mort., 30 years bonds, (gold). Convertible 20 years bonds, gold State Aid H'ds (Int. by State) gold 2d Mort. (Governm't Subsidy).	1,483,000 1,500,000	7*	4 4	Sacramento. U.S. Treasury.	1883 1884 195 196	103	2d Mort. (" " 1st Mort. (Hast. and Dak. Div.) 1st Mort. (Mil. and Western)	1,315,000 234,000 234,000	7	Jan. & July Jan. & July	4 4	1898 1902	97
	1st Mort. (Western Pacific) gold 1st Mort. (Calif. & Oregon) gold 1st Mort. (S. Fr., Okld & Ala.)	2,100,000	6*	66 66	New York.	1899	101	2d Mortgage Equipment and Bridge Bonds	67£,000 219,000	10	April & Oct June & Dec		1891 1884 1883	92
4 8	lst Mort. (S. Fr., Okld & Ala.) lst Mort. (San Joaquin V.D.) gold Land bonds (Cen. Pac. Co.) gold	600,000 6,080,000 9,278,000	64	April & Oct.	# # # #	1890 1900 1890	85	Consol. Mort, for \$35,000,000 Chicago and Northwestern: Preferred sinking fund (193 m.).	M	7	Jan. & July Feb. & Aug	A	1905	106
	Central Vermont: 1st Mort., Consol. (Vt. Central). 2d Mort., Consol. ().	The Total Printers	7	May & Nov.	Boston.	1886	10	General 1st Mortgage (193 m.). Funded coupons (193 m.) Appleton Ext. (23 m.& 76,000 ac.	3,659,400	7	May & Nov	4 4	1885 1883	104
0.1	Income and Extension Bonds	1,008,600	7	June & Dec. Jan. & July. May & Nov.	4	1891 1887 1902	39 38	Appleton Ext. (23 m.& 76,000 ac. Green Bay Ext. (26 m & 76,000 a. 1st Mort. (Gal. & Chi. U.) 248 m	139,000 251 000 1,691,000	7	Feb. & Aug	4 4	1885 1885 1882	100
	Equipment Mort. (Vt. Central).	1,000,000	8	4 4	A Automotive Automotiv	76-77 1889	7 40 89	Elgin and State Line	19,500 181,000	6 7	Jan. & July	4 4	1878 1884	-
	Bonds, guar. (Vt. and Canada) Missisphoi R.R.(" Cent. Vt. (Vt. & Ca. Mort.)b'ds	\$00,000 8,000,000	8 7 6	Jan. & July. March & Sept.	4	1891 1891 1904	861	1st Mortgage (Peninsula) Consol. skg fund (C.& N.W.R'y General Consol. Gold Bonds	11,343,000	7	F. M. A. & N June & Dec		1898 1915 1902	100
	Charleston and Savannah: 1st Mortgage guar. by State Funded Interest on 1st Mort	11.1 2 (1.16)	6	March & Sept,	Charleston.	1877 1889		1st Mort. S. F. (Madison Exten.) 1st Mort. S. F. (Menominee Ext.)	8,150,000 2,700,000	7	April & Oct	4 4	1911	
	Charlotte, Columbia & Augusta:	1.01.000	110	Jan. & July.	New York.	1895	76	1st Mort. (Chic.& Mil.R. W.)gual 1st Mort. (Bel.& Mad. R.R.)guar Chicago and Paducah (C. B. & Q.)	271,000		Jan. & July		1898 1888	10
1	Chartiers: 1st Mort, guar. by Penna Cheraw and Darlington:	11 45 110	7	April & Oct	Philadelphia	1901		ist Mortgage \$26,000 p. m. gold. Chi., Pekin & Southwrn (CB&Q)	2,304,000		Jan. & July Feb. & Aug	to a section	1903	1
	1nt Moutones detad Jan 1 1871	75,000		April & Oct.	Charleston.	1888 1888		1st Mortgage for \$10,000per mile Chicago, Rock Island and Pacific 1st Mortgage akg. fund	5,000,000	7	Jan. & July	New York.	1901	10
	2d Mortgage dated Jan. 1, 1869. Cherry Valley, Sharon and Alb.: 1st Mort, con. guar. by A. & S. Co. Chesapeake and Ohio:	800,000	7	June & Dec	New York.	1899		Chi & Southwest (C. P. I. & Page)	4,000,000				1895	10
	1st Mort. Extension.(cou. or reg	5,426,900	P 7'	May & Nov	New York.	1899 1902 1880	23	1st Mort. gold, tax free, guar 1st Mortgage gold (Atchison Br. Chicago and Superior: 1st Mortgage Mad. & Portage)g	5,000,000	7	May & Nov	New York.	1889 1901	
6	1st Mort. (Va. Cen.) guar. by Va 8d Mort. (") coupon Income (") coupon	300,000	0 6	Bosin B	u u	1884		Chuncotne and Brunswick :		7	April & Oc	New York.	1900	
	Funded Interest, coupon Cheshire: Coupon bonds (no Mort.)	160,500	103	adical);	Boston.	1877		1st Mort, guar by St.L., K.C.&N Cincinnati, and Baltimore:	500,000	1	Jan. & July	. terbusco	1894	
	Chapter Creek (Phil. & Balt. Cent.)	A. Take	doo			Can Dal		1st Mort, guar.by B.& O.& M.&C Cincinnati, Hamilton and Dayton 1st Mortgage of 1863	1.243,000	1	May & No	New York.	1900	9
mi *	1st Mort, guar by P.,W. & B. Chester and Tamaros: 1st Mortgage	660,000	0 7	May & Nov	New York.	1901		2d Mortgage of 1865	996,000		Jan. & July April & Oc		1885 1965	:
×	1st Morigage, pref. sinking fund	2,400,00	0 7			1877 1893	107 115	1st Mort., guar. for \$2,500,000	1,846,000		Jan. and July	Transite .	1908	10
	Consol. Bonds (£200 stg. each) 1st Mort. (St.L.J. & C.) assumed	1,100,000 4,879,850 564,000	0 6	* Jan. & July	London.	1883 1903 1894	107	Ist Mortgage	1,120,000		March & Sep June & Dec		1901	8
20-18-	let Mort. (Louisians and Mo.)	4.300.00	0 7	Jan. & July		1898 1900	85	Cincinnati & Muskingum Valley	400,000	100	Feb. & Aug	10.10.0001	2 C x	
	Chicago, Burlington and Quincy; Trust Mortgage skg fund Trust Mortgage, skg fund conv.	2,570,00	0 8	4 44	4 4	1883 1883	115	1st Mortgage guar. by C.H.&I	560.000	1	Jan. and July	A	1901	-
	Trust Mortgage, skg fund conv. Frust Mortgage (Burl. to Peoris Loan of 1872.	667,00	5 7	Jan. & July June & Dec	Boston.	1890 1896 1898	108	Cinc., Rich. & Ft. Wayne (G. R. & I.):	0 7		4 66 4	1889	-
	Gonsol. Mortgage for \$30,000,000 let Mort. (Am. Cen. R.B.) guar lat Mort. (Car. and Burl.) guar,	. 10,433,00 386,00	0 8	4 4	New York.	1903 1878	110	1st Mortgage gold, guar		1.	June & De	10.000000	-134, 16	3
	1st Mort. (Car. and Burl.) guar, 1st Mort. (Dix., Peo. & Han)guar	266,00 563,50 900,50	0 8	May & Nov Jan. & July April & Oc	74 46 46	1879 1889 1890	-	interior (can. City and Ind.).	988,00 350,00 1,000,00	0 7	March & Sep	Z. Boston.	1900	7
	lat Mort. (Oar. and Burl.) guar. lat Mort. (Dix., Peo. & Han)gnat lat Mort. (II. Gr. Trunk) guar. lat Mort. (A. oc., & St. Paul)gnat lat Mort. (O., O. & Fox B.v.)gnat lat Mort. (Pao. and Han.) guar.	318,00 1,079,00	0 8		N.Y. & Bos	1879 t. 1900		Cincinnati and Springfield: 1st Mort. (guar. by C. C. & I	2,000,00	0 7	April & Oc	. New York.	1901	L
	1st Mort. (Quincy & War,) guar	725,00	0 8	46 46 46 46	New York, N.Y. & Bos Frankfort,	1890		Cincinnati, Wabash and Mich.:	2,000,00	5 7			1902	
	Chicago and Canada Southern.	2,467,00	ok s	Apr. and Oc	J. D. 7002 J	1 16 to		Olev., Col., Cin. & Indianapolis: 1st Mortgage sinking fund	3,000,00	0 7	May & No	New York.	1899	110
	Chicago, Cincinnati and Louisy.:	1,000,00	0	Jan. & July	New York	1887	1	1st Mortgage sinking fund		0 7	June & De	3. 44 - 146	1899	84
	1st Mort. guar, C., B. and Q Objecto. Dataville and Vincennes	1,500,00	ol.		Distance (2008)	1896	4		740,50	0	Feb. and Au	g. New York.	1993	
	2d Mort. (Northern Cross) gold Chiesgo and Canada Southern: 1-d Mortgage	2,500,00 825,00		Apr. and Oc	t. New York	1909		3d (new 2d) Mort, (skg fund) 18i 1st Mort, (Niles & New Lisbon Clev, Mt. Vernon and Delaware	56 654,50 a) 500,00		March & Sep	E 4 4	1876	
	1st Mortgage guar, \$25,000 p. m	4,425,00	0 8	June & De	Buston.	1896	1	Olev., Mt. Vernon and Delaware 1st Mortgage gold	1,850,00 950,00		Jan. & Jul	y. New York	1900	

1206

AMERICAN RAILROAD BOND EIST.

Asterick () affixed to raid of interest skulties "Paysitle in Policy I A

Description of Bonds.	Amount.	Rate.	Interest I	Where.	Due.	Price.	Description of Bonds.	Amount.	Rate.	When.	Where.	Due.	Prios
eveland and Pittaburg (Pa.Co.):	In l	1.11	Amount	abroll to no	enci (p)	a .	Detroit & Bay City (Mich. Cent.):	0.000.000	13.0	Antount	,ebood to no New York.	iq/haz	70
Jonstruction and Equip. bonds: th (now 3d) Mortgage guar Jonsol. sinking fund guar	1,096,000 1,487,000	6	Jan. and July		1913 1892 1900	108	1st Mort. (\$424,000 guar.) Detroit, Eel River and Illinois:	2,830,000 1,826,000	8	May and Nov. Jan. & July.	New York	1891	abirot
ev., Painesville & Ashtabula:	26 TIME 9		Jan. & July.	New York.	1880	105	1st Mortgage for \$22,000 p.m Detroit, Hillsdale and Indiana: 1st Mort. \$16,000 p. m. guar	1,170,000	8	June & Dec.	New York	1890	an Jak midaal
Regist'd b'ds(ass'd by LS&MS.) 3d Mortgage (" ")	1,000,000		April & Oct.	4 4	1892	108	2d Mortgage, (coupon) guar Detroit, Lansing and Lake Mich.:	300,000	8	Jan. & July.	is a boar saffar	1881	M Tak
eveland and Toledo: lst Mort., s.f.(ass'd by LS&MS.)			Jan. & July.	New York.	1885	1081	1st Mortgage	3,219,000	8	April & Oct. June & Dec.	Boston.	1896	M. Jal
2d Mortgage (" ")	849,000	1.0	April & Oct.	le Sustant bu	1886	1064	1st Mortgage (on Branches) 2d Mortgage	575,000 1,359,000	8	Feb. & Aug.	Now Westir	1893	446
lst Mort. guar. by Ph. and Rdg. blorado Central (3 ft. gauge):	584,700	6	June & Dec.	Look taken by	1898	50	1st Mort. (Ionia and Lansing) 2d Mort. (" ")	770,000 81,000	8	May & Nov.	New York.	1880	M. inl
st Mortgageblumbus, Chicago & Ind. Cent.:	225,000	8.	June & Dec.	Boston.	1890		Detroit& Milwaukee (Gt. W. of Ca.): 1st Mortgage, (D.& M.R.'y)	2,500,000	7	May & Nov.	New York	1875	Mr. Ini
lst Mortgage Consol. skg fund 2d-Mortgage skg fund	15,344,750		April & Oct.	New York.	1908 1909	39	2d Mortgage (1,000,000	8	Jan. & July.	ekana de Megin tradite gradant	1875	10
income convertible	3,893 000	7	4 4	. u . u	1890	12.	2d Funded Coup. (") 1st Mort. (Detr. & Pontiac R.R.)	376,734	7	May & Nev. April & Oct.	Bon ponents	1876	197
lst Mort. (Chic. and Gt. Eastern) 2d Mort. (""")	844,400	7	Jan. & July.	beganderen W	,68-,A		2d Mort. (" " " " " " " " " " " " " " " " " "	100,000	7	Jan. & July.		1878	14. 12
st Mort. (Cin. and Chi. Air-L.)	194,100 39,650	7	Heb. & Aug. May & Nov.	wood lied be	1890 1896		Bonds of Sept. 1, 1866	110,000	7	March & Sept.	"Howell b	1886	
lst Mort. (Col. and Ind. Cent.)	2,632,000 821,000		Jan. & July. May & Nov.	4 4 7	1904		Bonds of June 30, 1866 Detroit, Mon. & Tol. (L.Sh.&M.S)		18	Jan. ok July.		1886	SE IS
lst M. (Col. & Ind.) 1st&2d pref. 2d Mortgage (Ind. Central)	809,500 666,500		Jan. & July.	2 M 2 M 46 15	1883		1st Mortgage Aug. 1, 1856 Dixon, Peoria and Hannibal:	924,000	7	Feb. & Aug.	Dios	0.0935	103
let Mort. (Tol., Logansp't & Bur.)	554,500 74.024	7.	Feb. & Aug.	4 4	1884		1st Mort., guar. by C., B. and Q Dubuque and Sionx City:	568,500	8	Jan. & July.	New York.	1889	101
ist Mort. (Union & Logansport)			April & Oct.	u air	1905		1st Mortgage tax free	882,000	7	Jan. & July.	New York.	1883	105
olumbus, Springfield and Cin.: lst M. (assumed by Cin., S. & C.)	1,000,000	7	March & Sept.	New York.	1901	224.	1st Mortgage	450,000		April & Oct.	New York.	1888	1
lst Mortgage skg fund	1,500,000			New York.	1897	10.0	1st Mortgage. 1st Mortgage, preferred Dunkirk, Allegheny Val. & Pittsb.	78,500	-	1000	ton & Hender	1883	10077
lst M. on Branch(& 2d on main General Mortgage	300,000 634,000	7	Jan. & July.		1880 1892		1st Mortgage (gold) Dutchess and Columbia :	1,200,000	7	June & Dec.	indenth bm	1900	revn, E
olumbus and Xenia: 1st Mortgage, guar by L.M.R.R		1	March & Sept.	New York.	1890	11614	Ist Mortgage Jan. 1, 1868 East Alabama and Cincinnati:	1,500,000	7	Jan. & July.	New York.	1908	M. te
onnecticut and Passumpsic Riv.	N. 1911	1	0.000,005	Charlette of a	1000	1041	1st Mort. endorsed by Alabama East Brandywine & Waynesboro	400,000	3	Jan. & July.	blokumenek a	1890	any.
New Mortgage for \$1,500,000 Coupon Notes	1,186,600	7	April & Oct. June & Dec.	Boston.	1898	1001	1st Mortgage guar. by Pa. R.R.	140,000	7	Jan. & July.	Philadelphia	1895	100
lst Mort (Massawippi) guar. gold onnecticut River:	400,000	1	Jan. & July.		1889	834	lst Mortgage, guaranteed	495,900	7	March & Sept.	Philadelphia	1388	104
lst Mortgage skg fund onnecticut Valley :	250,000	6	March & Sept.	Boston.	1878		1st Mort., skg fund for \$3,500.00	2,999,000	7	Jan. & July.	New York.	1900	90
1st Mortgage	1,000,00	7	Jan. & July.	New York.	1901		2d Mortgage Endorsed Bonds (East T. & Va.	190,000	4	May & Nov	watermann . 46	1886	7
1st Mortgage tax free	3,000,00	7	Jan. & July.	N. Y. & Bost.	1900		Endorsed Bonds (East T, & Ga, Company Bonds (E.T. & Ga, old	92,000	0	Jan. and July.	O Maile) was	1886	
1st Mort. ABCD&E\$200,000each	991,00	6	March & Sept.	Philadelphia.	1.2.3.4	1021	Company Bonds (" new				ne by Lebeco	1876	
ooperstown and Susq. Valley: 1st Mortgage	100,00	7	March & Sept.	New York.	1889		Eastern (Mass.): 1st Mort. (Essex R.R.) assumed	191,400	0	March & Sept.		1896	1000
owanesque Valley: 1st Mortgage, gold	95,00	7	Jan. & July.	New York.	1902	. 101	Loan of 1867 Loan of 1868		6	1 4 0 000 h 400	DON'T AND ON	1887	9
2d Mortgage umberl'd & Penn. (Consol. Coal)	100,00	7	May & Nov.	4.44	1882		Loan of 1869 Ten year coupon notes			May & Nov	125,23, Wheel	1889	
1st Mortgage	803,50			New York.	1891		Ten year coupon notes		13	May & Nov	ENLT'A Chock	188-18	4
2d Mortgage, sinking fund umberland Valley:	101.00		1 1000	Dhille delachte	329400		Sterling Sink. Fd. Bonds	3,049,200	0 6	March & Sept	London. Boston	1898	17 West
1st Mortgage2d Mortgage	109,50	8	a u.	Philadelphia.	1908		Certif. of Indebt. Sept. 1, 1876 . Eastern Shore (Md.):	at the trice	1	A 1000 601 5	A LEAT ONL	MOTE	DAST TO
Plain bondsanbury and Norwalk.	81,80		4 4	Market Market	1884		1st Mortgage	200,000		April & Oct	Philadelphia	1880 1886	
Mortgage Bonds of 1860 Mortgage Bonds of 1870	100,00		Jan. & July.	New York.	1880		Lizabethtown and Paducan :		1	March & Sept	New York	1890	77
Mortgage Bonds of 1872 anv., Hazleton & Wilkesbarre:	200,00				1892		1st Mortgage, convertible Elmirs and Williamsport(N.Cen. 1st Mortgage guaranteed	1,000,00	+	1 0000 1 682 1	Philadelphia	4	1024
1st Mortgage	1,400,00			Philadelphia.		40	Income Mortgage guaranteed .	570,00		April & Oct		2862	57
2d Mortgage anv., Urb., Bloom'gton & Pekin		-	Property of the	besumou	1885	10.30	Erie Railway: 1st Mortgage, extended			May & Nov			116
avenport and St. Paul:	1 2 1	1	April & Oct.	with particular	1909		3d Mortgage	4,852,00	0 1	march & sept	TO WE WATER ME		
1st Mort. gold skg fd \$20,000 p.m ayton and Michigan (C.H. & D.)	:	1.	April & Oct.	New York.	1911		4th Mortgage convertible	709,50		April & Oct	tion of bas de	1880	1001
1st Mortgage sinking fund guar	1,846,00	0 7	Jan. & July. March & Sept.	New York.	1981	::::	Buffalo Branch, 1st mertgage Sterling loan (£1,000,000) conv	. 182,60	e 10	Jan. & July March & Sept	London.	1891	of talk.
3d Mortgage, guar	351,00	0 7	April & Oct. March & Sept.		1888		14t Consol Mort. for \$30,000,000 2a Consol Mort. for \$40,000,000	12,076,00		June and Dec			givoV.
ay con and omon.	1	1		1200012	Dian y		Convertible bonds			* J. A. J. and O	London	1903	
1st Mortgage, registered 2d Mortgage	135,00	0 7	June & Dec.		1879		Erie and Pittsburg (Penn.): 1st Mortgage	292,20		Jan. & July	New York	1882	1012
Income Bonds	252,44	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	001 V (0 T/5 0	1879		2d Mortgage	. 2,192,00	0	Jan. & July	To	1890 1896	
1st Mortgage (assumed)	142,00		March & Sept.		1881		Equipment Mortgage European & N. American (Me.)	. 750,00	0	April & Oct	(_in_T(1) abne	od 'stay	Locus.
ecatur, Sullivan and Mattoon . 1st Mortgage	100 000	100	March & Sept	A glangiditeering	1901		Bangor City Bonds(1st m. 55 m. 1st L.M.(& 1st on 59, &2d on 55m	1,000,00	0	* Jan. & July * March & Sept	N.Y. & Lon	d. 1894 1899	
	1,200,00	1	8-1000,543	A Thomas and Table	TABLE	98	New Mortgage for \$6,000,000 Evansville and Crawfordsville:					Make	
1st mortgage	(Db 00) .	110	Feb. & Aug	M. Sec. 1 April 40	OUR SHE	-1030	1st Mortgage (51 miles)skg. fun	4 302,00	0	Jan. & July May & Nov	New York	1887	14.45
1st Mortgage, guar	100,00	0 6		W 20.0.4 (0.16	1880		1st Mortgage (109 m.) " 1st Mort. (Rockville Extension)	147,00	0	Feb. & Aug	11 4 2 vd Cu	1887	
reiaware, Lackawan, & Western	The Sa	1	P V 00,017	all the man	1876		Evansville, Terre Haute & Chi.:		0	May & Nov	New York	1900	
2d Mortgage Convertible Bonds	. 1,633,00	0 7	March & Sept.	New York.	1881	1074	Fall River, Warren & Prov. (B&P 1st Mortgage.):	16	1,074,500	M.M. pr. velog 19	1882	troll.
2d Mort. (Lack. & Bloomsburg	216,20	0 7		St 46	1880 1885		Fitchburg:	500.00		April & Oct	Routered	3804	1146
enver & Boulder Val. (Den. Pac	Man a	1	1 031000/0021 10	A Had w St.	A, N.S.W.	10014	Flint and Pere Marquette:	2 210 00	0	March & Ser	Now York	1890	Morga
1st Mortgage enver Pacific:	Zer winder	1	May & Nov	on ad our de a	C. D	100	Flint & Holly S. F. (\$25,000 p.y.	425,00	0 1	May & Nov	a a a	1888	
1st Mortgage gold, land grant enver & Rio Grande(3 ft.gauge	A COLUMN	2014	May & Nov	ALDER MERCHANDS	2009	1150	Bay County Bonds (guar.)	75,00	0 1	March & Sept	New York	1887	
lst Mort. gold, skg fund tax free Des Moines and Ft. Dodge :	3,024,50	0 7	May & Nov	N.Y.L.&Am	1900	30	1st Mort. skg.fd.(H., W.& Mon Consolidated Sinking Fund	1,771,00	0	May & Nov	s Centrals Leng facd, god	1901	10000
lst Mortgage (stryon)	2,400,0	10	Jan. & July	New York.	1904	inbilos	Fint and Pere Marquette: Ist Mort. Land Gr. (3d series). Fint & Holly S. F. (\$25,000 p.y. Ist Mort. (Bay C. & L.clag.) gua Bay County Bonds (gusr.) Ist Mort. skg.fd.(H., W.& Mon Consolidated Sinking Fund Construction Loss	-1 280,40	0	Jan. & July	estern Div.).	1876	z olfosc
9981 .0018601	A Non	we's		itskidjet st	155 %	M CHLY	Nov. Voc. 1887 112 1 16.1	cell a f	1	T 1000 LOT 1	Cun.k H E.	(N.) 19	a off mo
9881 .coreott /	90K 36	Can	6 01/000/ULT 1.		TOU ST	sphol/	New York, [1882 1112 1st 1	e de Dec	STIP.	r 1000,1417,1 1.	ing fund	date og	A St

AMERICAN RAILBOAD JOURNAL

AMERICAN RAILROAD BOND LIST.

Description of Pourty	4		I	terest	Payable.		8	Desidette - 4 Park		0	Interest	Payable.	-	11
Description of Bonds.	Amount.	Rate	Wh	en.	Where.	ñ	E	Description of Bonds.	Amount.	Rate.	When.	Where.	ā	13
let Mortgage conv. gold	2,300,000	74	Jan &	July	N. Y. & Lond,	1889	M. de	Huntingdon and Broad Top Mt.; 1st Mortgage gold	416,000	70	April & Oct.	Philadelphia	1890	10
lushing, North Bhore and Cent. :	St. omixi	18	000 001		YAMES AS A DESCRIPTION OF STREET	318.17	M. da	2d Mortgage Consolidated Mortgage	367,500	7*	Feb. & Aug.	4 Hittaries prints	1895	1
1st Mort. (Flush'g and N. Side.) 2d Mort. ("	400,000	7	May &	NOV.	New York.	1889	****	I I I I I I I I I I I I I I I I I I I		3	April & Oct.		1895	1
let Mort (Central of L. I.)	1,000,000		Mar. de	Sept.	H H	1902	****	Redemption bonds, currency General Mortgage for \$15,000,000 Sterling Bonds, Sinking Fund Illinois Grand Trunk (C.,B. & Q.):	2,500,000		April & Oct.	New York.	1890	
1st Mort. (Cent. R. R. Exten.).	.200,000 149,000		May an	Aug.	4 4	1903		Sterling Bonds, Sinking Fund.	2,500,000 4,598,000		4	London.	1895	1:
lat Mort. (Whitestone & W.)	93,000	7	Jan. &	July.	u u	1893		Illinois Grand Trunk (C.,B. & Q.):	2,000,000	20	08.181 - 33	hand dig and a	COL AND	1
lst Mort. (North Shore)	25,000	1	Mar. &	sept.	n Of streams	1880		1st Mortgage, guaranteed Indiana and Illinois Central:	900,500	8	April & Oct.	Boston.	1890	1
lst Mortgage	300,000	7	Jan. &	July.	New York.	1890		1st Mortgage gold	3,500,000	7*	Jan. & July.	New York.	1901	1
lat Mortgage, traffic guarantee.	1.500,000	8	Jan. &	July.	New York.	1889	424	1st Mort (Nor. Div.) \$22,000 p.m.	1,700,000	7.	March & Sept.	New York.	1903	1
let Mortgage, traffic guarantee 2d Mortgage (Equipment)	800,000	8	April 4	k Oct.	46 46	1881		Indianapolis, Blooming. & West.:	12	1	BRIGHT COLD	and the second second	1909	1
ort Wayne, Muncie & Cin.:	1,800,000	70	April d	k Oct.	Boston.	1899		1st Mortgage gold	5,500,000		Jan. & July.	New York.	1912	4
2d Mortgage	\$00,000	8	4	44	. "	1896		2d Mortgage	1,500,000		11 4 P		1890	1
1st Mortgage	\$00,000	7	April	k Oct.	Boston.	1890	80	1st Mort, assumed by J., M. &I.	397,000	7	May & Nov.	New York.	1881	
2d Mortgage	100 000	8	4	4	Carried Louis	1883	89	1st Mort, assumed by J.,M. &I. Indianapolla & Vincennes:	S. ZRM	10	DOMESTICS IN	11	1908	
rederick and Pennsylvania Line: 1st Mortgage gold	150,000	6*	April d	k Oct.	Baltimore.	1901		1st Mortgage guar. by Pa. R. R. 2d Mortgage guar. by Pa. R. R International and Gt. Northern:	1,700,000		May & Nov.	New York.	1900	1
1st Mortgage goldremont, Fikhorn & Mo.(SC&P):	600,000	8	April	1200	a Dr Callan	re. dr	114	International and Gt. Northern:	2 040 000	1.	Amell & Oak	New York.	1911	1
lst Morigagealena & Ohic. Umon (U.&N.W.):	690,000	7	25,000			1901	116	1st Mortgage s.f. (Intern. R. R.) Convertible B'ds("	3,040 000 1,478,000		Feb. & Aug.	66 66	1892	-
1st Mortgage	1,692,000	7	Feb. &	Aug.	New York.	1882	105	1st Mortgage(Hous.&Gt.N.RR.) Convert.B'ds(""")	4,211,000		Jan. & July.	4 4	1900 1892	1
1st Mortgage	1,700,000	0"	Feb. 4	Aug.	Lond. or Bost.	1910		Indianapolis, Cin, and Lafayette:		4		oliz V raposoni	Long	
alveston, Houston & Henderson:	1,493,000	9#	Jan. &	July	New York.	1890	824	1st Mortgage of 1867	2,800,000		June & Dec.	New York.	1897	
1st Mortgaga					- religion	to Date in	-	Ist Mortgage of 1869 Funded Interest Bonds, coupon.	469,100	7	March & Sept.	4 4	178-18	3
let Mortgage, skg. fd., guar eorgia (and Banking):	600,090	77	Jan. an	d July,	New York,	1890	****	Equipment Bonds, registered 1st Mort. (Ind'polis & Cin.) 1858.	375,000 1,600 000	7	April & Oct	и и	1883 1888	
Company bonds (debentures) liman, Clinton & Springfield :	630,000	7	Jan. &	July.	Augusta	'75-'96		1st Mort. (Cin. & Indiana)	499,000	7	June & Dec.	4 4	1892	00
ilman, Clinton & Springfield :	2.000,000	7*	March	k Sept.	N.Y. & Lond.	1900		2d Mort. (" ")guar. Indianapolis and St. Louis:	1,497,000	1	Jan. & July.	reducers and	777-'8	52
2d Mortgage gold	1,000,000	8*	Jan. &	July.	4, 4, 4,	1892		1st Mortgage	0 000 000	7	Jan. & July.	New York.	1919	Ĵ
oshen and Deckertown (Erie):	246,500	7	Jan. &	July.	New York	1888		lst Mortgage	2,000,000	7	March & Sept. April & Oct.	и и	1919	17
and Rapids & Indiana:	a sh area	1	000,000	5 JOHAN	OURS TOLLISID	other at	16	2d Mortgage Equipment Mortgage	1,000,000	7	4 4	4 4	1900 1881	
Ist Morigage L. G. guar. gold lst Mort. L. G. not guar. gold, and River Valley (Mich. C.).	4,000,000	7*	Jan. &	k Oct.	New York.	1899	85	Ionia and Lansing (D.,L&L.M.):	378,000	10	Jan. & July.		01	
and River Valley (Mich. C.).	6 formation of	1.0	10005.59		Man Wash	off be	941	1st Mortgage traffic guar 2d Mortgage	770,000		Jak. & July.	New York.	1890 1886	-
lst Mort., assumed by Lessees	1,000,000			& Sept.	New York.	1886	85	Iowa Falls and Sioux City.	81,000	°.	May & Nov.	Manufacture Manufacture (1)	B.R.	- 1
ld Mortgage, guar. by Leasees and Trunk (Ca.):			Annil	h Oat	Tondon	wen14	Into	lowa Midland (C. & N. W.):	2,960,000	7	April & Oct.	New York.	1917	-
Equipment Bonds £500,000 Equipm't Bonds No. 2 £500,000	2,500,000	6*	Jan. &	July.	London.	1977		1st Mort., \$18,000 p.m., guar	1,350,000	8	April & Oct.	New York.	1900	
Equipm't Bonds No. 2 £500,000 Postal & Military b'ds £1,200,000	6,000,000	6*	Feb.	Aug.	4	Perp.		ironton (Penna.)	100,000	7	Mon & Nov	Philadelphia.	1875	
2d Preference Bonds £2,327,808	11,639,040	4*	4	duly.	A ret me	Irred.	****	Ithaca and Athens (Penn.):	100,000		May & Nov.	SOLD STUDY	1	
3d Preference Bonds £7,163,910 Provincial Debentu's £3,111,500	35,819,550	4*	4	. "	Ottawa.	- 66	****	lst Mortgage gold, skg fund Jackson, Lansing & Baginaw(MC):	600,000	T	Jan. & July.	New York.	1890	
reat Western of Canada	S TO HOME	100	12000 1		St. Books.	S oft		lst Mortgage guar lst Mort. (Northern Ext.) guar.	1,317,000	8	Jan. & July.	New York.	1885	
Mortgage Bonds £127,000 Mortgage Bonds £547,000	2 735 000	6	Jan. &	July.	London.	1876		lst Mort. (Northern Ext.) guar.	810,000 158,000	8	May & Nov. March & Sept.		1890 1878	
New Bonds £1.000,000	2,785,000 5,000,000	6	June 4	Dec.		1890	*46.	2d Mortgage guar	1,968,000	8	4 4	и и	1891	i.
Debenture Bonds £1,743,160 reat Western Railway of 1859:	8,715,900	. 6	Jan. &	July.		Perp.		Jacksonville, North West & S. East:	610,000	7*	Jan. & July	New York.	1902	144
lst Mort, ass'd by T., W. & W.	2,500,000	7	Feb. &	Aug.	New York.	1888	924	Jacksonville, Pensac. and Mobile :	6 MO 000		DOMESTICS.	- 0.7 at le el	1880	
2d Mort., " reen Bay and Minnesota:	2,500,000	7	May &	Nov.	CA, K. attog anna	1893	764	1st Mortgage	3,000,000		Jan. & July.	New York.	1899	
1st Mortgagereenville and Columbia:	2,400,000	7*	Feb. &	Aug.		1900		Jamest'n & Frank. (L.S.& M.So.):	400.000		Tom & Tubil	New York.	1897	
reenville and Columbia: 1st Mortgage guar, by S. Car	1.426,546	7	Jan. &	July.	Columbia.	'81-'86		1st Mortgage guaranteed 2d Mortgage guaranteed	433,000 500,000	1	Jan. & July. June & Dec.	HOW TORK.	1894	-
lst Mortgage not guaranteed	276,766	7	44	a	44	'81-'86		Jefferson (Erie):	204,000		LUMBER L.	New York.	1887	1
eenwich and Johnsonville:	185,000	7	May &	Nov.	New York.	1889		1st Mort. (Hawley Section) 2d Mort. (")	84,000	7	Jan. & July.	. 44	1889	
ist Mortgage	Charle and		1008.90		in Property	1000	ol/	Jeffersonville, Madison & Indian.:	2,000,000	7	4 4		1889	
1st Mortgage (Construction) aunibal and Naples(T.W.&W.):	1,386,000	1 1	1 3 7 7 6	12.17		1902	min	1st Mortgage consol	2,474,000	7	April & Oct.	New York.	1906	
lat Mortgage	675,000 225,000	7	May &	Nov.	New York.	1898	33	2d Mortgage consol	2,000,000	7	May & Nov.		1910	,
d Mortgage	Section to	1, -	Bloo Pe	0.00.	- Per	el sid	1070	Jersey City and Albany:	1			Nort W.	T. I	
ist Mortgage, tax free	1,000,700	7	May &	Nov.	New York.	1890	85	1st Mortgage (Ridgefield Park). Joliet and Chicago (C. & Alton):	260,000		Jan. & July. May & Nov.	New York.	1913	
2d Mortgageannibal and St. Joseph:) a) [194]		Ton	7.4	Mary 37	, unit	book	Joliet and Chicago (C. & Alton):	999 999		5 Blacket	Now Vant	alim.	1
Missonni Mate Loan	1,500 30		Han. de	July.	New York.	177-194 187-188		1st Mortgage skg fund guar Junction, Philadelphia:	336,000	8	Jan. & July.	New York.	1882	1
Missouri State Loan Fifteen years' bonds (277 m.) Ist Mort. (Q. & Palm.R.R. 16 m) Ist Mort. (K. Oity & Cam.R.R.55m) General Land Mortgage (277 m.)	4,000,000	8	March d	& Sept.	4 4	1885	854	list Mortgage, guaranteed	1 500,000		Jan. & July.	Philadelphia.		4
ist Mort. (W. & Paim.R.R. 15 m)	500,GE0 1,200,X0	10	Jan. &	July.	4 4	1892 1886	90	2d Mortgage not guaranteed Junction and Breakwater:	300,000	10	April & Oct.	DOIN'N DES	1900	3
General Land Mortgage (277 m.)	642,000	7.	April d	k Oct.		1888	106	lst Mort. guar. by Delaware Kalamazoo, Allegan& Gr. Rapids:	352,000	6	Jan. & July.	New York.	1890	
ariem Extension:		7	Jan. &	July.	New York.	1890		1st Mort. assumed by LS&MSo.	840,000	8	Jan. & July.	New York.	1888	1
st Mortgage	700 000	1	3800,80	1	Philadelphia.) rpe	104	Kalamazoo and Schooleraft: 1st Mort. assumed by L.S.& M.S.	V. 3. 30	1	Jan. & July.	New York.	1887	-
artford, Providence and Fishkill:	700,000			-1	Harde in City	moll'	101	Kalamazoo, & S Haven (M.Cen.):		1	g_0x3,071		stedle	1
ist Mort. (R. I. 26.32 m.)skg fund let Mort. (Conn. 96.94 m.)skg fund let Mort. (Conn. 96.94 m.)skg fund lit Mortgage gunt, tax free lyoke and Westfield:	1 574 500		Jan. &	July.	Providence. Hartford.	1876 1876		let Mortgage guar. by lessees	710,000	8	May & Nov.	New York.	1889	-
olly, Wayne & Monroe(F&PM):	1,574,500	1	000,00	4	**********	- WIST	****	Kalamazoo & White Pigeon:	(1019	Mar.	0.000,000	194	13 0	
let Mortgage guar., tax free	1,000,000	8	Jan. &	July.	New York.	1901	****	Lansas City and Cameron:	400,000	7	Jan. & July.	New York,	1890	
THE WOLFERS GROOM CONTRACTOR OF THE PARTY OF	200,000	7	April	& Oct.	Boston.	1891		1st Mort, ass'd by Han. & St. Jo. Kan. City, St. Jo. & Goun. Bluffs:	1,200,000	10	Jan. & July.	New York	1886	S
ouestonic:	100,000	10	Feb. 4	Ang	New York	1885	hold	18t Mort. (C. B. & St. Jo. 52 m.).	500,000	7	Jan. and July.	N. Y. & Bost.	1880	0
M Morigage of 1861	300,000	6	April	& Oct.	Brpt. & Best	1889		2d Mort. (" ").	150,000	10	400 44	Sala Lund 61	1878	
Sd Mortgage of 1868 Equipment Bonds	150,000				Bridgeport.	1883	****	1st Mort (St. Jo. & CB. 78 m)conv.			Feb & Aug.	New York.	1893	1
	7,479,000 2,509,000	7.	Tan. 4	July.	New York.	1881		1st Mort. (Mo. Valley 130 m.) 1st Mort. (")gld	1.000,000	7*	4 4	44	1893	
lat Mortgage (Western Div.) Consolidated Mortgage ludson River (N.Y.Cen.& H R.): d Mortgage sinking fund	2,500,000	7*	Anail	k Oat	4	1903		New Consol. Mort. (200m. mony,	887,000	8.	March & Sept. Feb. & Aug.	Boston.	1890	24
The Property of the Party of th	-,100,000	1	lawfarr .	- 006				Kansas City & Santa Fe (LL&G)	321,000	1	- on a mile			1

An Asterick (*) fixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	ste.	United Au	Payable.	ne.	Price	Description of Bonds.	Amount.	ate.	Interest		Due	1
en Weere.	177	R	When.	Where.	A	A	Pr S / Jone W In	9 W 1	R	When.	Where.	H	L
nas Pacific:	8.		\$ (OA.	18.0.X) . /(NO	Autoo?	11.20	Louisville, Cincin. and Lexington:		T	& Großtun	ANK LIST	silogo	1
st Mort. (1st Div. 140 m.) gold	2,240,000	8*	Feb. & Aug.	N.Y. & St. Lo.	1895	64	Bonds to State of Kentucky	3,000,000		Jan. & July.		Perp. 1897	1:
st Mort. (2d Div. 253.94 m.)gold st M.(3dD.244.66m.& 3,000,000a)	6,411,000	7#	June & Dec.	N. Y. L. & F.	1896	04	1st Mortgage for Cincinnati Br 2d Mortgage for \$1,000,000	\$78,000		April & Oct.		1900	1.
st Mort. (1,000,000 acres)	187,000	7	March & Sept	N. Y. & St. Lo.	71-176		Louisville Loan	100,000	6	Jan. & July.		1881	
t Mort. (2,000,000 acres)gold	1,722,250	7*	Jan. & July	N. Y. & St. Lo. N. Y., L. & F.	1880		1st Mort. (Louisville & Frankf't)	39,000	6	4 4	4 4	173-178 1902	
i Mort. (u)gold t Mort. (Leavenworth Branch)	1,500,000	7*	March & Sept	N. Y. &St. Lo.	1896	****	lst Mort. (Louis., Cin. and Lex.)	21,000 88,500		June & Dec.	44 . 44	1881	
Mortgage (Gov't Subsidy)	6,303,000	6	Jan. & July	U. S. Treas.	195-197		let Mortgage (Shelby R. R.) Louisville and Nashville:	Coysoo	1	ound a Doo	if a stiduard	deals	1
Mortgage (Income)	4,275,350	7	March & Sept	N. Y., L. & F.	1916		Ten Year Mortgage Gold bonds	2,000,000	7*	May & Nov.	New York.	1888	4
at County (Del.)			10,051	10.11) Chance	1 . 10	307	Mort. main office lot & building	80,000	7		Louisville.	1888	d
t Mortgage for \$600,000 tucky Central :	400,000	0	Jan. & July	Philadelphia.	1880	****	lst Mort. (Leb. Br. Ext. 73.2m.). lst Mort. (Memphis and Ohio)	88,000 3,500,000	1	June & Dec.	New York	1901	1
Mort. (Cov'gton & Lexington)	844,000	7	March & Sept	New York.	1883		1st Mort. (Memp. &Clarksv.Br.)	2,369,710	64	Feb. & Aug.		1902	
Mortgage	237,000		June & Dec.	X6	1885		lst Mert. (Memp. & Clarksv. Br.) Consol.M. for \$8,000,000(392 m.).	7,109,000	17	April & Oct.	William Mark	1898	J
Kuk and Des Moines:	1 0/h 000			1 8 d a 2 1 2 1 2	301 141	356	Louisville Loan	849,000		Man & Man	4 4 4	1886	4
t Mortgage	1,947,000		April & Oct	New York.	1904	***	Louisville Loan (Lebanon Br.). Louisv. Loan (Leb. Br. Exten.)	225,600 333,900		May & Nov.	Louisville.	1898	Ñ
kuk and St. Paul (C.B.& Q.):	254,300	0	1 . T	nemil lintel	1004		Louisv., N. Al. & St. Lo. Air-Line	- conject	I	This to our	coll ligg speci	old alter	d
t Mortgage traffic guar	318,000	8	April & Oct	Boston,	1879	1011	1st Mortgage gold, \$25,000 p. m Macon and Augusta :	2,875,000	7	Jan. & July.	New York.	1892	ä
Prosse, Trempeleau & Prescott:	00 UNAU	1	to Digital months	102 y 1 1 1 1 1 1 1 1	100		Macon and Augusta		13	0,000	1 min 7, 32 q 000	100	ã
t Mort. assumed by C. & N.W.	1,000,000	10	April & Oct	New York.	1878		1st Mortgage end by Ga. R. R.	300,000		Jan. & July.	New York.	1877	ä
Blooming. & Miss. (TW&W):	1 300 000	74	Feb. & Aug	New York.	1891	70	let Mortgage not endorsed Construct.Mort. end. by Ga.RR.	100,000 370,000		4 4	1/44 mount 16 mm	1879	
Mortgage gold guar	1,000,000		reo, & Aug	How Tork.	1091	100	Macon and Brunswick.	010,000	П	Time?	sh three of the	गार्थ देव	n
Mortgage gold guar	1,500.000	74	Feb. & Aug	New York.	1901	40	1st Mort. endorsed by Ga	1,900,000	7	Jan. & July.	New York.	1887	A
e Erie and Louisville:	00 , 6 , 50		LUC LIBER	33 7 1 10 31	100 - 2 -0	1002	lat Mort. "	000,000		May & Nov.	44	1900	12
t Mortgage	1,092,000		April & Oct	New York.	1892	***	2d Mortgage	1,100,000		April & Oct.	4	1889	Ñ
Mortgage	590,000	1	Jan. & July	1	1903		Equipment Mortgage	150,000	1'	0.95	****	1879	í
t Mortgage (\$20,000 pr. m.)	1,438,200	7*	Jan. & July	New York.	1897		let Mort., guar. by Chi. and Sup.	600,000	70	April & Oct.	New York.	1890	ı
e Shore & Michigan South'n. :	C THEFT		10000	V000 000 055 JA	1000	114	I Maine Central:	1			. Alemos mon	Ditte	
nking Fund Mortgage	1,146,000	7	April & Oct	New York.	1879	1003	Consolidated Mortenes	1,680,500		April & Oct.	Boston.	1912	f
onsol. Mort., S.F., Regist'd	6,650,000	7	J. A. J. & O		1900	108	\$1,100,000 Loan, tax free. Extension (gold) Loan.	756 800		Jan. & July.	4 mini	1898	
Consol. Mort., S.F., Coupor) Consol. Mort. for \$25,000,000.	9,105,000	1 .	Jan. & July June & Dec		1900	98	1st Mort. (Belfast & Moosehead)	496,500 150 000		May & Nov.	Belfast & Bost	1890	
onds of 1892 (Reg. & Coupon)			April & Oct		1882	1	11,100,000 (A. & Ken.) Loan	1.100,000		Jan. and July.	Boston,	,80-,8)
ake Shore Dividend Bonds	1,442,000	7	66 66	44 44	1899	104	1st Mortgage (Portland & Ken.)	217,300	6	April & Oct.	. Augusta.	1885	
eg. Mort. (Clev., Pain. & Ash.)	1,000,000		Jan. & July		1880		Uonsol. (Port. & Kennebec.) Loan	1,166,700	6		Boston.	1895	
Mort. (")	1,000,000 5,256,000		April & Ool	•	1892 1885		2d Mort. (Somerset & Kennebec) 1st Mort. (Leeds & Farm'gton).	260,000 638,000		June & Dec. Jan. & July.	Hivmon Milks . Fr	1876	
Mort. (Mich. S. & Nor. Ind.)	2,682,906		May & Nov	4 4	1877		Bath (Androscoggin) Loan	425,000		4		1891	
Mort. (Cleveland & Toledo)			Jan. & July		1885		Mansheld & Framing. (B.C.&F.)	Mary Carl	1	80	converte and sta	Mr. All	ė
Mort. (" ")	849,000		April & Oct		1886		lst Mortgage, guaranteed Marietta and Cincinnati:	800,000	7	Jan. & July.	Boston.	1889	
ort. Bonds (Buffalo and Erie)			Jan. & July		1882		Marietta and Cincinnati:	1050.00		Wah e A	Fondam of	1891	
ort. Bonds (" ")	300,000 2,850,000		March & Sept April & Oct	•	1886		1st Mortgage, Sterling	2,450,00		Feb. & Aug.	Baltimore.	1891	
t M. (Detr't, Monroe & Toledo)	924,000		Feb. & Aug	4	1906		2d Mortgage Dollar	2,500.00	7	May & Nov.		1896	Ä
t M. (Kalam. & White Pigeon)	400,000		Jan. & July		1890	1	11 od Mortgage Dollar	1.0000.00	8	Jan. & July.	and in bes	1900	1
M. (School, & Three Rivers)	100,000	8	44 44		1887		1st Mort. (Scioto & Hock. Val.)	2,004,00	8	April & Oct.		1906	
M. (Kaiamaz, & Schoolcraft)	100,000		4 4	44 44	1887	1	let Mort. (Scioto & Hock. Val.)	300,00	7	May & Nov.	Constant Lan	1888	Ĺ
t M. (Kal., Ailegan & Gr. Rap.) t M. (Jamestown & Franklin)	840,000 433,000		4 4	4 4	1868		Marietta, Pittsburg & Cleveland : 1st Mortgage gold	1,500,00	7	Feb. & Aug.	Now York.	1895	А
M. (" Erankin)	500,000		June & Dec	1	1894		Marquette. Houghton & Ontonagon	THE THEFT	1'	root at Mug.	parachery Jose et	1000	ij
e Shore & Tuscarawas Valley:	0.0,000	1					1st Mortgage (Marg. & Ont.).	1,760.00			New York.	1892	
t Mortgage gold	2,000,000		April & Oct	. Cleveland, O	. 1901		is more (Houghton and Jnt.)	, 2,000,00		Jan. & July.	44	1892	
Mortgage, for \$1,000,000	696,000		Man A Man	1 4 4	1000		Consolidated Mortgage	1,454,00	0 8-1	0 Various.	46 1, 1346	92-10	Oi
lyria and Black Riv. b'ds ass'd te Superior & Mississippi :	180,000		May & Nov		1892		1st Mortgage guaranteed	400 00	0 6	Jan. & July.	Boston,	1889	ï
st Mort. skg fund gold tax free.	4,500,000	7	Jan. & July	NYBostPh	1896	201	1st Mortgage guaranteed Maryland and Delaware:	200,00		out. a suly.	A CALL DE LINE	1000	g.
Mort. gold tax free and conv.	3,200,000	7	April & Oct	NYBostPh	1900		1st Mortgage	850,00	0 6	May & Nov.	Boston.	1885	
come Bonds	3,200,000	10		46 46 44	1902		2d Mortgage	. 150,00	0 6	June & Dec.	miles House and	1889	-
rence (P. Ft. W. & Chi.):	955 000		Wal de Am	Now York	1005	1	massilion & Cleve, (C.M. V.& D.	100.00		Ton & Tule	Now West	1890	ä
t Mortgage, guaranteed	355,000	1. 4	Feb. & Aug	New York.	1895		1st Mortgage guaranteed, gold. Maysville and Lexington:	100,00	9 4	Jan. & July.	New York.	1000	á
venworth, Atch. & N. West'n t Mort. guar. by Pac. of Mo	500,000	7	April & Oc	New York.	1899		1st Mortgage	500,00	0 7	Jan. & July.	New York.	1890	ì
ven., Lawrence & Galveston:	1 - 22 - 23 -		107		- 1	201	atomphis and Unariesion:		1	MOUNTAIN DISCOVER	told by the chi-	1 270	Ŋ.
st Mort. skg fund conv., gold st Mort.(K. C. & San. Fe)guar.	5,000,000	10	Jan. & July	N. Y. & Bost		214	1st Mortgage, Convertible	1,293,00		March & Sept.		1880	
Mort (South San. Fe)guar.	720,000	10	June & De		1890		Zd Mortgage Tennessee State Loan	1,000,00	7	Jan. & July.	TARGETTE P. S.	1885	
t Mort. (Southern Kan.) guar.	100,000	0	June & De	*	1891		Income Bonds			March & Sept.		778-17	,
t Mortgage tax free	300,000	7	Feb. & Au	. Philadelphia	1897		Memphis and Little Rock:		1		Dill KYNIK	56.0	
t Mortgage tax freeigh Valley:			10,1500 0 1,710	Part of the Part	4000	1	let Mortgage (Land Grant)	1,300,00		May & Nov.	New York.	1890	
t Mortgage (new loan)} t Mortgage ("")reg}	5,000,000	6		Philadelphia		109	2d Mortgage	1,000,00	0 8		A 145 A 144 A 175		ı
Mortgage (")reg)	6,000,000	1 0			1898	1111	1st Mort. (South BendDiv.) assure	200,00	9	May and Nov.	New York.	1890	
Mortgage for \$6,000,000 eneral Mort. for \$40,000,000.	1	8		C. 46	1923	98	Michigan Central:	200,00	1"	and Mov.	TOTE.	1000	ĺ
eneral Mort, registered	5,000,000	6	* " "	64	1928	98	1st Mortgage, convertible	556,00			Boston.	1882	
visb. Centre & Spruce C. (P& E)		1				1	1st Mortgage sinking fund conv Consol. Mortgage for \$10,000,000	1,508,00	0 8	24 44	1	1882	ı
t Mortgage	1,545,000	7	May & No	v. Philadelphia	. 1902		Let Mort (Mich Air 110,000,000	8,000,00	0 7		New York.	1902	
ington & St. Louis (A.&P.): t Mortgage gold	900,000		June & De	. New York.	1899	1	1st Mort. (Mich. Air Line)assu'd Equipment Bonds for \$800,000.	1,900,00	0 8	Apr. and Oct.	N. Y. & Bost	1890	j
ie Miami:		0	June & De	LIOW TOTAL	1988		Michigan Lake Shore:		1	THE RESERVE	III. As 29 tt. carn	1000	j
t Mortgage	1,490,000		May & No	New York.			lat Mortgage	800,00	0 8	Jan. & July.	New York.	1889	1
treet Connection Bonds	020,000	0 6	Jan. & Jul	y. Cincinnati.	1894		Mich. So. and North'n Indiana:			ALIONA THERES	and the same week.	28/2/200	
incinnati Loan	100,000		May & No	7. 4	1880		1st Mort. assum'd by L.S.4.M.S	5,256,00		May & Nov.	New York.	1885	
le Rock and Fort Smith:	3,500,000	0 0	Jon & Tul	NVAR	1000	1	2d Mort. " Middletown, Unionv. & W. Gap:	2,682,00	0 7	Horon Land	bunds, tag fre	1877	1
t Mortgage goldand Grant sinking fund	2,000,000			y. N. Y. & Bost	1905	40	1st Mortgage tax free	400,00	7	May & Nov.	New York.	1886	
lle Rock. Pine Bl. & N.Orleans		1				1 -	1st Mortgage tax free Midland of Canada:	1		(c.M()	LIK A Deput OFF	1 (114)H	н
t Mortgage le Schuylkill (Phila. & Rdg.):	750,000	0 7	Apr. and Oc	t. New York.	1900	4	lst Mortgage sterling £335,000.	1,675,00	0 6	May & Nov.	Londen	1896	
t Mortengo Sha Eld	MED #0				1000	100	Midland Pacific:	1.100.00	0 .	Feb. & Aug.	New York	1899	Í
t Mortgage, Skg. Fdansport, Crawf. & S'wstn Ind.	. 1 709.00	0 7	Apr. and Oc	t. Philadelphis	1877	101	1st Mortgage gold, tax free Mifflin and Centre Co. (Pa.):	1,100,00	1	res. & Aug.	New York.	1000	í
t Mortgage gold	1,500,000	0 8	F. M. A. & 2	New York.	1900		1st Mortgage	200,00	0 6	Feb. & Aug.	Philadeln'sia.	1897	
ng Island:	P. D.P.L.		April 10 To the		2500	1	Milwaukee and St. Paul-	10 2011	1	A 0'50 8		1750	ı
t Mortgage	500,00	0 6	Jan. & Jul	y. New York.			See Chicago, Mil. & St. Paul	1 Track	1	040,020 OF-0053	a sorell a man	1230	l
st Mortgage (Extension)	. 175.00	0 7	Feb. & Au	g. Philadelphia	. 1890		Milwaukee, Lake Sh & Western		1 -	Toma & To	War .	1000	
eneral Mortgage (Glen Cove Br.)	150,000	0 6	May & No	V. 46	1893	700	1st Mortgage	3,000,00	97	· June & Dec.	New ATE.	1902	
st Mortgage (Glen Cove Br.) leneral Mortgage	775,00	0 7	in in ion :	New York.	1899	102	1st Mortgage	. 1,625,00	0 8	June & Dec.	New York.	1890	
st Mortgage	1,300,00	0 7	Peb. & Au	New York.	1900	85	Mineral Point:	4 2236	1	Marcan C 50	100,24 707 bis	10-110	
st Mortgage uisville, Paducah and S. W.:	State State of St		The same of the same		23.057	1	1st Mortgage	. 220,00	6	Jan. & July.	Detroit	1890	ø
at Mortgage	. 3,000,00	0 8	March & Ber	t. New York.	1890		Minneapolis & Duluth (L.S.& M.)	1	Charles and the same		CHARLES	ø

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bonds.	Amount.	Late	-	- 2	Where.	Due.	Prio	Description of Bonds.	Amount.	Rate	When.	Where.	Due	Price
	177. 3	H	When	-	w nere.	-	_		YY)	_	AA TIGHT	14 116169	-	-
dinneapolis &St.L (Nor. Pacific)	700,000	70	Jan. & J	Inlu	New York.	1911		N.O.,Jack,&Gt.N. (N.O.StL.&C.): 1st Mortgage	3,000,000	8	Jan. & July.	New York.	1886	
lat Mortgage gold, guaranteed Minnesota and North Western:	100,000	545	Jan. ec j	uly.	caked trolog	W. Tw. 200		2d Mortgage for \$3,000,000 Consol. Mort. for \$8,000,000	1,500,000	8	April & Oct.	u	1890	
lat Mort. gold, skg fd & tax free Lississippi Cent.(N.O.StL.&Chi.):	20,000pm	7*	Jan. & J	fuly.	Detroit.	1890		New Orleans, Mobile and Texas:	3,000,000	7*	Jan. & July.	4	1912	***
lat Mortgage	1.012.500	7	May &	Nov.	New York.	74-184		1st Mort. (Mobile to N. Orleans)	4,000,000		Jan. & July.	N. Y. & Lond.	1915	
2d Mortgage. General Mort, for \$8,000,000 gold	2,000,000	8	Feb. &	Aug.	4 4	1886		1st Mort. (N. Orleans to Texas)	7,250,000 2,825,000				1915	
General Mort. for \$8,000,000 gold Mississippi, Ouachita & Red Riv.:	8,708,500	7.	May &	Nov.	A garden of any	1912		2d Mort. endorsed by Louislana. New York, Boston and Montreal:	2,020,000	U.	aparte indoffes	and the Property of		1
lat Mortgage gold	2,040,000	70	Jan. &	July.	*********	1900		1st Mortgage for \$12,250,000	6,617,500	3*	Feb. & Aug.	N.Y. or Lond.	1903	
Mississippi and Tennessee:	600,000	7	Amell &	0.1	Memphis.	1876		New York & Canada (D.&H.C.): 1st Mort. for £800,000, guar	4,000,000	6*	May & Nov.	London.	1904	
1st Mortgage	1,254,000		Jan. &		4	'81-'98		New York Central & Hudson R. :					1.225	
Tennessee State Loan	430,547				4	****		Debt Certificates (N. Y. Cent.) Bonds for B.&N.F. stk (")	6,632,900 74,500	6	May & Nov.	New York.	1883	10
Mississippi Valley and Western: 1st Mortgage \$20,000 p. m	800,000	7	Feb. &	Ang.	New York.	1902		Bonds for R.R. Stocks (")	592,000		44	44 44	1883	10
Missouri, lowa and Nebraska:	o yard I	0	WINE T	111	rate and panel	Gilent	ii di	Bonds for Real Estate (")	162,000		Tunna & The	44 44	1883 1887	10
lst Mortgage gold, sinking fund. Missouri, Kansas and Texas:	2,000,000	7.	June &	Dec.		1910	****	Bonds of 1854 renewed (") 2d Mort. (Hudson River) S. F	2,391,900 1,794,900		June & Dec.	44 44	1885	ii
1st Mort. (U.Pac.S.Br.) skg fund	3,220,000		Jan. &		New York.	1899		Bonds of 1871, tax free	1,950,000		April & Oct.	4 4	1891	ii
lat Mort. (Tebo & Neosho) S.F	362,000	7*	June &	Dec.	4 4	1903	581	lst Mort., coup. for \$30,000,000	18,465,000	7	Jan. & July.		1903	î
Consol. Land Grant, skg fd gold Additional Consol. Mort	2,500,000	7	Feb. &	Aug.	44 44	1905		1st Mort. Sterling for £2,000,000	9,733,333	6*		London	1903	1
Further Add. Consol. Mort.	600,000	7	4	66	4 4	1906	****	New York and Harlem:	103,000		Pob & Am	Now Work	1000	
Missour! River, Ft. Scott & Gulf: lat Mortgage, Land Grant, S. F.	5 000 000	10	Jan. &	Inle	New York.	1889	62	Consolidated Mortgage of 1863 Sinking Fund Mortgage of 1861.	107,704	7	Jan. & July.	New York.	1893 1881	1.
Zd Mortgage	2,000,000	10	April &	Oct.	N. Y. & Bost.	1890		Consol. Mort. of 1872, coupon.	10,500,000	87	May & Nov.	45 45	1900	11
Mobile and Girard.	9WW 500	1.	Ten 4	T. i.	Bavannah.	1876		N. York, Housatonic & Northern	1	13	0391		1900	13
1st Mortgage2d Mortgage	377,500 300,000		Jan. &	uly.	New York.	1889		1st Mortgage	249,000	7*	April & Oct.	New York.	1902	1.
2d Mortgage	88,500		4 4	66	Savannah.	1887		New York, Kingston & Syracuso:	2,500,000	1 0	example of the	Now Vont	1902	1.
1st Mort, endor, by State of Ala	2 484 000	0	May &	Non	New York.	1900		1st Mort. for \$4,000,000 New York, N. Haven & Hartford:	2,000,000	1"	Jan. & July.	New York	1002	1
2d Mortgage	800,000		" W	asov.	46 56	1900		1st Mort.(Harlem & Portchester)	2,000,000	7		New York.	1903	1.
		1.	1: 16	110			100	New York and New England:	923,000	7	March & Sept	Boston.	1884	1.
1st Mortgage Sterling	5,686 000	0 8	May &	Nov.	Mob. & Lond			1st mortgage, old	843,00		Jan. & July	EUSTOB.	1905	1.
Interest bonds	1.524.300	8	4	44	Mobile.	176-183		New York and Oswego Midland			1	37 1	2004	1
Sterling Interest bonds Tennessee Substitution Bonds.	709,920	6	Ton A	Trales	N.Y. & Lond	1883		lst Mortgage gold, tax free 2d Mortgage convertible	2,500,00		May & Nov	New York	1894 1895	1:
Special Mort. (Gainesville Br'h	53,000	8	May &	Nov.	Mobile.	1.500		2d Mortgage non-convertible	1,500,00	7	4 4	- 66	1896	1.
2d Mortgage	1.453.858	9 6	Mannel	L.	NT TE S. T	1877		3d Mort., Equipment	3,800,00			- 44	***	1:
Convertible 3 per cent bonds		7	Jan. &	July.	N.Y. & Lond New York.	1804		Consolidated Mortgage	1,200,00		***************************************	46	****	1.
Montelair (N. Y. and O. Mid.):		0	m. o. D.	a D.	THE TOTAL	1	-	New York, Providence & Boston			1	Tello	1	1
Int Mortgage gold, guar	1,800,000		* March &		New York.			Extension Bonds	76,00 250,00		Feb. & Aug May & Nov	New York.	1878	1:
2d Mortgage	780,000 888,400		I		44 44	****		General Mort. for \$1,000,000	837,00	6 7		"	1899	1.
montgomery and Arie (Erie):			de la la			1	1	Norfolk & Petersburg (A.M. & O.)	:	1	0.01	Marine Harry		1
1st Mortgage2d	127,000		May &	Nov.	New York.	1888		1st Mortgage	306,00 157,00		Jan. & July	New York.	1877	1
Montgomery and Eufaula:	47,000	7	April &	Oct.	P 6	1000		20 Mortgage	454,00		4 4	Norfolk.	1893	1
1st Mortgage end. by Ala. gold	1,040,000	0 8	* March &	Sept.	New York.	1886	***	Dien Caronna:	1		May & Non	Cols Shows NO	1979	1.
Ist Mortgage not endorsed Monticelle and Port Jervis :	330,000	8	June and	Dec.		1900		North Eastern (S. Car.):	. 010,00	9	may at Nov	Co's Shops,NC	1010	1
ist Mortgage gold, tax free Morris and Essex (D. L. & W.):	500,000	0 7	* J. A. J.	& O.	New York.	1890		1st Mortgage	820,00			. Charleston.	1899	1
Morris and Essex (D. L. & W.):	F 000 00				Now York	1914	115	2d Mortgage	282,50	6 8			1899	
1st Mortgage sinking fund, guar 2d Mortgage guar	8,000,00			Ang	New York,	1891	103	1st Mortgage	3,000,00	0 7	Jan. & July	New York.	1895	1
2d Mortgage guar	384,600	0 7	Jan. &	July.	44 44	1900		North Pennaylyania:	1,930,50	1	Ton & Tul		1005	10
Gen'l M. (1st on Boonton Br.) gr	4,991,00			Aug.	4 4	1889 1901	964	1st Mortgage	1,500,00			Philadelphia.	1885	1
Special Mortgage. Consol. mort. for \$25,000,000 gus	1,025,00	0 7			44 44			General Mortgage	2,035,00			. 4	1903	1
Consol. mort. for \$25,000,000 gus	r 3,259,00	0 7	June &	Dec.	44 44	1915	90	INOTE SHOPE (Flush, A.S. &Cent):1	0 7	Feb. & Aug	New York.	1887	1.
Nashville, Chattapooga & St. Louis 1st Mort, endorsed by Tenn	1,100,00	0 6	Jan. &	July.	New York.	174-18	3	lst Mortgage Northern Central:	. 200,00	1	0.00	N. A. 1	1001	1
2d Mort. (Hela by U. S. Gov.).	. 1,000,00	0 4	66	66	44	181-19		1st Mortgage, Md. State loan.	1,500,00			Annapolis.	Irred	1.
New Mortgage	4,700,00	10 7	4	66	10000	1913	924	2d Mortgage S. F. Coupen 3d Mortgage Coupon	1,490,00	0 6	Jan. & July	Baltimore. Chila. & Balt.	1885	1
1st Mortgage sunking fund, gua	r. 1,900,00	0 7	Jan. &	July.	New York.	1900	92	Mortgage coupon	2,599,00	0 6	Jan. & July	. Baltimore.	1900	1
2d Mortgage gold	. 206,00	0 6	* April &	Oct	Nashville.	1887		Mortgage registered	205,00	U 6	* April & Oc		1900	1
Nashua and Lowell: Bonds for freight depot	200.00	00 4	Feb. &	Aug	Boston.	1892	102	Consol. General Mort. S. F Becond General Mort. coupon.	. 3,000,00	0 5	Jan. & July	Baltimore.	1926	1.
Mewark & New York (C. of N.J.).		10000 O					Second General Mort. coupon.	1,900,00		4 4	44	1926	1
1st Mortgage guar		10 7	Jan. &	July.	New York.	1891		Northern New Jersey (Krie): 1st Mortgage skg fd guar	400,00	0 7	Jan. & July	Jersey City.	1878	1
1st Mortgage gold		10	May &	Nov	New York	1889	98	Northern Pacific:		1				-
New Bedford:	A Dinte					1881		1st Mort. on R.R. & lands gold.	4,000,00	0 7.3	Jan. & July	New York.	1900	
New Issue for \$360 006			Jan. &	July	Boston.	1894	105	3d Mort., assumed by B. and C	140,00	0 6	Jan. & July	Baltimore.	1885	1
New Haven and Derby:	1							Northwestern Union (C. & N. W.):					1
New H., Middlet'n & Williman.	. 525,00	00	7 Vario	us.	New Haver	. 98-'0	0	1st Mortgage Norwich & Worcester B.H.& E.	3,500,00	7	March & Sep	t. New York.	1917	1
1st Mortgage (coup, & reg)	3,000,00	00	7 May &	Nov	New York	1889		1st Mort. Mass. Loan, skg. fd.,	400,00	00 6	Jan. & July	Boston.	1877	
2d Mortgage New Haven and Northampton :	2,000,00		7			1881		Construction Bonds	400,00	10	March & Sep	L. 41	1897	
New Haven and Northampton :	1 000 0	00	7 Jan 4	fuls	N. Y. & N.	П. 1899		Nyack and Northern: 1st Mortgage	150,0	00	Jan. & July	New York.	1890	-
Lat Mortgage Convertible bonds, tax free	750,00		6 April d			1'80-18	2	Ogdensburg and Lake Champlain	n:		A STATE OF THE PARTY		-	1
Holyake and Westneld bonds	200,0		7 4	64		1891		Bouldment Mortgage	300.0		Jan. & July	Boston.	1878	1
New Jersey Midland (NY.&OM 1st Mortgage gold, guar	3,000,0	00	Te Pob A	A	New York	1895		Equipment Mortgage	460,0	00 8	March & Sep		1879 1890	
ad Mortgage,	1,500,0	00	7" Feb. &	Aug	" " " UFB	1881	****	(Ohio and Mississippi:	200,0			The second		
Mew Jersey and New York :	1,000		A TOTAL T		NI VI			Consolidated Mort. Bonds	3,067,0	00	Jan. & Jul	y. New York.	1898	
New Jarsey Southern:	500,0	00	7* March	k Sep	N.Y. or Lor	1893		Consolidated S. F. Mortgage Consolidated Mort., Sterling	3,478,0 112,0	00	7 4 4	London.	1898 1898	
1st Mortgage	2,000,0	00	7 May &	Nov	New York		21	2d Consol. Mort. & S. F. Bond	n. 3,864,0	00	April & Oc	t. New York.	1911	
1st Mortgage 1st Mort. (Tom's River Brane	h) 120,0	00	6 April d	k ()e		1888		Income and Funded Debt Bone	ds 174,0	00	7 4 4	New York	1882	
2d Mortgage Consol. Mort. for \$7,000 300	5,300,0		7 March	& Sep	44	1881			ds 140,0 1,915,0		7 May & No	v. New York.	1883 1905	
Income Mortgage	750,0		7 April	a UC	P. 1	1881		Old Colony.			OLDER LAND		7 35 0	
Ant Mort gold, for \$3,000,000.	100,0		Doubte, L	1000	·	Lui.	1	Plain Bonds	1,000,0		March & Ser	Boston.	1896	
Int Mort wold, for \$3,000,000.	3,000,0	000	7 May &	New 3	. New York	. 1900		Plain Ronds	1,450,0	00	6 Feb. & Au	g	1884 1897	
lat Mortgage	3010	000	6 April	& Oc	. New York	1885		New Bonds for \$3,000,000	1,692,0		7 March & Sep	ot. u	1894	
24 Mortgago	40 10	NO.OK	- Indiana	-2 00		1892	1	Uape Ced Railroad Bonds	265,6		7 Feb. and Au		1881	

An Asterick (*) affixed to rate of nterest signifies "Payable in Coin."

Description of Bonds.	Amount.	ate.	Interest	Charles And Street	Due.	Price.	Description of Bonds.	Amount	ate.	Interest	rayable.	Decar	100
- the fact of the	//	K	When.	Where.	A	Pr	.110		R	When.	Where.	Ā	å
Oll Creek (Pittsb., T. & Buffalo):	8			1 07	grant's a	1008	Philadelphia, Wilmington & Balt.:	1 1 1 B	8	Lets	VI no mer Sam	nino M	
1st Mortgage Omaba and Northwestern:	580,000	7	April & Oct.	Philadelphia.	1896	86	Mortgage Loan, convertible Loan of 1867	1,000,000	6	Jan. & July.	Phila. & Bost.	1884 1887	10
1st Mort. Land Grant, Gold	16,000pm	7.3*	Jan. & July.	New York.	1901		Loan of 1872	700,000	6	u u	Sept.	1892	10
Omaha and Southwestern:	1		June & Dec.	Boston.	1896	961	Loan of 1875	800,000	6	hall	il Represal) m	1900	10
Orange, Alex. and Manassas—	1,034,000	0	June & Dec.	Doston.	1000	901	Pickering Valley (Phila. & Rdg):	331,800	7.	April & Oct.	Philadelphia.	1900	1 5
See Wash. C., Va. Mid. & Gt. So.	1-1/-7	13	THE SHIEL W	DANGE DISTRIBUTION	anoto	Part P	1st Mortgage, guaranteed	PRE 000		mount of full contin	a Johnston bornle C	1000	18
Oregon and California: 1st Mortgage gold	10.950.000	7*	April & Oct.	New York.			1st Mort. (Col. & Newark Div.) 1st Mort. (Steub. & Ind.) conv	3,000,000	6	Jan. & July. Monthly.	Philadelphia New York.	1890 1884	8
Dange valley & Bouthern Kansas :	100		Fig. Titlerin	(a - a) = (a) = (b) = (b)	11.15.180	191	Consol. Mortgage for \$10,000,000. Consolidated 2d Mortgage	6,222,000	7	Feb. & Aug.	Philadelphia.	1890	7
Oshkosh & Miss. (C.,M. & S. P.):	200,000	10	Jan. & July.	New York.	1888		Consolidated 2d Mortgage Pittsburg, Ft. Wayne & Chicago:	5 000,000	7	April & Oct.	(B) by place	1913	1.1
1st Mortgage	240,000	8	Jan. & July.	New York.	1891		1st Mortgage (Series A)	875,000	7	Jan. & July. Feb. & Aug.	New York.	1912	11
Oswego and Rome (R. W. & O.):	1 4			of Complete	1916	713	1st Mortgage (Series B)	875,000	7	Feb. & Aug.	() () () () () () () () () ()	1912	
1st Mortgage	500,000 112,100		May & Nov. Feb. & Aug.	New York	1891		1st Mortgage (Series C)	875,000	7	March & Sept. April & Oct.	4 4,	1912	
Oswego and Syracuse(D. L.& W.):				(40.17)	1005	1 11 21	1st Mortgage (Series E)	875,000	7	May & Nov.		1912	
Ottawa, Oswego & Fox River:	201,000	1	May & Nov.	New York.	1885	17.50	1st Mortgage (Series F)	875,000	1	June & Dec. Jan. & July.	11 41	1912	ii
1st Mortgage guar, by C., B.& O.	1,079,000	8	Jan. & July.	N.Y. & Bost	1900	106	2d Mortgage (Series H)	860,000	7	Feb. & Aug.	4 4 4	1912	
Owensboro' and Russellville.	1 500 000		Poh & Ann	Now Visule	1892	16	2d Mortgage (Series I)	800,000		March & Sept.	4 4	1912 1912	4
let Mortgage for \$1,500,000 Pacific of Missouri:	1,500,000	8	Feb. & Aug.	New York.	1092	1111	2d Mortgage (Series K)	860,000		May & Nov.		1912	di se
1st Mortgage gold	7,000,000			New York.	1888	97	2d Mortgage (Series M)	860,000		June & Dec.	u u	1912	i
2d Mortgage sinking fund 3d Mortgage	4,000,000			4 4	1891	91	Onstruction bonds of Jan. 1,'76	2,000,000		Jan. & July	New York.	1912	
Bt. Louis County Debt	700,000	7	Monthly.	St. Louis.	1885		Equipment bonds	1,000,000		Jan. & July. March & Sept.	4	1884	11 15
Real Estate Bonds	800,000	8	May & Nov	New York.	1892	70	Pittsburg, Va. and Charleston:	There is a	1	MODELLE MODELLE	Street M. no. &	1902	
1st Mort. (Carondelet Branch) Paducah and Memphis:	500,000	0	April & Oct	- a better a sales	1090	10	Pittsburg, Wash'gton & Baltimore	100,000	1.	April & Oct	New York.	190	D N
1st Mortgage gold for \$2,805,000	1,541,000	7	Feb. & Aug	New York.	1902		Pittsburg, Wash'gton & Baltimore 1st Mort. (Pittsb. & Conn'lsville	4,000,000		Jan. & July		1898	1
Panama:	9 990 990	7	Anell & Oat	London.	1897	10	2d Mort. do. (Balt. Loan)	. 5,000,000		Feb. & Aug		1902	1
General Mortgage, stg £597,800 Paris and Decatur:	1		April & Oct	100 201,	13. 44		1st Mort. (Turtle Cr. Div.10i m Real Estate Mortgage	100,000		reu. & Aug	Baltimore.	1883	3
1st Mortgage gold, S. F.	1,200,000	0 7	Jan. & July	N. Y. & Lone	1892		Plymouth, Kankakee & Pacific:	00 000	1.	olo in a		Vany	5
Paterson and Newark (Erie): 1st Mortgage guaranteed	500,000	7	Jan. & July	New York.	1878		1st Mortgage for \$3,600,000 Port Huron and Lake Michigan	20,000 pm	1 7	Jan. & July	New York.	1901	11
Legality Lane, & Decaring P.W. & W.		1		118845	16	1	1st Mortgage gold, for \$1,800,00	0 1,800,00	0 7	* May & Nov	New York.	1899	2
lst Mortgage, guaranteed. Pemberton & Hights.(UC of NJ)	1,076,00	0 7	Feb. & Aug	New York.	1900	60	1st Mortgage gold, for \$1,800,00 Portland & Ogdensb. (Me. & N. H. 1st Mort. (Maine Section) gold. Consol. Mort. gold, for \$3,300,00	800,00	1	Ton & Tule	Poston	1900	11
1st Mortgage guaranteed	160,00	0 7	Jan. & July	Philadelphia	1889	105	Consol, Mort. gold. for \$3,300.00	0 149,00	0 6	* Jan. & July * May & Nov		1901	937
lst Mortgage guaranteed Peninsular (Mich.) Railway:		1		1 17	100	1	Formand and Ogdensburg (VL):	Antonio Maria	4	450,0023	1	a control	δE
1st Mortgage gold(S.F.) lst serie	1,800,00		May & Nov	N.Y. or Lon.	1. 1899	1	1st Mortgage gold, for \$2,300,00 Portland and Oxford Central:	0 1,200,00	0 0	May & Nov	N.Y. & Bost	1891	32 4
1st Mortgage gold (S.F.)2d serie Mortgage	2,000,00		Feb. and Aug	New York		1: ::	1st Mortgage of 1863	250,00	ol e	Jon. & July	. Portland.	1883	3
Pennsylvania:	100	1			137	1	Portland and Rochester:	O mini	1	Special Confe	That he of	1 3 .50	0
1st Mort. (Harrisb'g to Pittsb'g				Philadelphia Philadelphia		105	let Mort.(Portland Loan)skg f	d 700,00 100,00	0 7	April & Oct	Boston.	1887	
General Mortgage	19,999,76	0	" " "	. I made pan	1910	105	1st Mortgage (equal lien) 2d Mort. (Portland Loan)	396,50		Mar. & Sept		1891	
Consolidated Mortgage	29,250,00		Jan. & July		1905	92	Port Royal (B. C.):			Wan & No.	N	1889	
State lien for \$7,500,000, skg for Pennsylvania Coal:	4,795,10	8 6	April & Oc	Philadelphia	. 777-19		1st Mortgage gold, skg fd 1st Mort. gold, guar. by Ga.R. Portsmouth, Gt. Falls & Conwa	500,00	0 7	May & Nov	u. i. oc Lond	1889	
1st Mortgage	487,50	0 7	Feb. and Aug	New York	1881		Portsmouth, Gt. Falls & Conway	7		100.001	- L Contain	unulu	
Pennsylvania and Delaware:	1,083,00	0 7	Feb. & Au	. Philadelphia	1903		1st mort, guar, by mastern re-	514,00	0 7	June and Dec	Boston.	1893	14
1st Mortgage	519,00				1903			644,50	0 7	Jan. & July	New York.	1910	8
Pennsylvania & New York(L.V.):	1			1.000	0.00	2d Mortgage				4 4		100
1st Mortgage guaranteed	1,500,00			Philadelphia	1896	109	Providence and Worcester:	500,00	0 6	Jan. & July	. Providence.	1880	
Peoria & Bureau Val(C.R.I.& P.)				12.35	(Parti	Stoughton Branch bonds	1,000,00		4 4	. Libration.		io) in
1st Mortgage guaranteed		0 8	Jan. & July	New York	1877		Quincy, Alton and St. Louis:	1 A mal	100	May & Nov	ment a se el	1000	200
Peoria & Hannibal (C. B. & Q.): 1st Mortgage, traffic guarantee.	277,00	0 8	Jan. & July	Boston.	1878	101	1st Mortgage goldQuincy and Palmyra:	1,000,00	1	may as 140	Philadelphia	1882	1
Peoria, Pekin and Jacksonville:		1	No.	A second beautiful	1100		lst Mort. assumed by H. &StJ. Quincy and Toledo (T., W. & W.	0. 600,00	0 8	Feb. & Aug	New York.	1892	
1st Mortgage	1,000,00		April & Oc		1894 1900		Quincy and Toledo (T., W.& W.	500,00	0 9	May & Nov	New York.	1890	
2d Mort. conv., and tax free Peoria and Rock Island:	. 1,000,00	~	April & Oc	Contract at a	1000		1st Mortgage, guaranteed Quincy & Warsaw (C. B. & Q.)	1 3	1	Non 231 1	A. 7000 Ohits and	1000	1
1st Mort. gold, conv. & tax free	1,500,00	00	Feb. & Au				Tut Mortgage guaranteed	725.00	0 8	Jan. & July	Boston.	1890	En l
2d Mortgage Perkiomen (Phila. and Rdg):	100,00	10	Jan. & Jul	New York	1900		Reading and Columbia (P.& R). 1st Mort., Coupon, guaranteed 2d Mort., Coupon, guaranteed Rensselaer and Saratoga:	650,00	0 1	March & Sept	New York.	1882	21
1st Mortgage, guaranteed	619,00	00	April & Oc	t. Philadelphi	1897	70	2d Mort., Coupon, guaranteed	350,00				1884	
Petersburg:	1		Jan. & Jul	A . / .	179-19	81	Rensselaer and Saratoga:	300.00	0	Jan. & July	Troy.	1880	100
lst Mortgage (instalments) 2d Mortgage.	500,00		8 " & July	4 4	1902			150,00	0 1	a a	44	1887	10
Finiadelphia and Atl. City:			7 (188)	Della tare	1000		1st Mort. (Saratoga & Whitehal	1) 400,00				1886	30
Mortgage for \$500,000 Philadelphia and Baltimore Cen	350,00	10	Jan. & July	Philadelphi	1. 1907		1st Mortgage (Glenn's Rells)	.) 500,00 125,00				1890	101
1st Mortgage (Penn. Div. 36) m	800,00		Jan. & Jul	y. Philadelphi	1879		Consol. Mort. for \$2,000,000	1,788,50	0 1	Mayand Nov		1921	3/
lat Mortgage (Md. Div. 91 m.).	300,00	00	8 " "	66	1891		New Gen'l Mort. for \$6,000,000	1,092,00		***********		****	-
2d Mortgage (Pa. & Md. 46 m.) Philadelphia and Erie (Penn.):	400,00	00	7 " "		1900		Virginia State Loan ake fund	600,00	0 6	Jan. & July	Richmond.	1880	
1st Mort. (Sunbury & Erie 40n	1,000,00	00	7 Apr. and Oc	t. Philadelphi	1. 1897	108	Virginia State guar, bonds	157,80	0 6	a a	16	1875	27.
1st Mortgage	5,000.00	00	6 "	44	1881 1888	101	1st Mort. (Peidmont Branch).	500,00	0 8	7 April & Oct	N V or Bist	1888	m
2d Mortgage	7,652,00	00	7 Jan. & Jul	Phil. or Lon	d. 1920	98	Consolidated Mortgage	1,766,00	0 6	May and Nov	New York	75-19	90
rmiadelphua and Reading:	1 2 20 20						Rich., Frederickburg & Potoma	6.	1		Food du L	00.00	200
Loan of 1868, debenture	1,138,40		6 Jan. & Jul	y. Philadelphi	1893 1880	104	Sterling Loan	175,42	2 4	Jan. & July	Richmon.i.	1875 1875	_
Mort. Loans of 1843-44-48 & 4 Mortgage Loan of 1868	2,700,00	00	7 Apr. and Oc	t. "	1893	108	Dollar Loan, Coupon		0 8	u u	telention 1.	1881	
Mortgage Loan of 1836 stg	182,40	00	5* Jan. & Jul 8* "	y. London.	1880		Dollar Loan	124,49	9	various.	000,0401	1875	
Mortgage Loan of 1843 stg	967,2	00	6* " " "	44	1880		Kickmond and Petersburg:	175,00	0 8	Apr. and Oct	Richmond.	180-18	
Mortgage Loan of 1836 stg (Dollar coupon.		00	June & De		a. 1911	102	lat Mortgage (Coupon)	31,00	0			1915	
Consolidated Dollar registere	d 3,358,0	00	7 11 11	"	1911	102	Rockford, R. Island & St. Louis		1	- C. S.	TA IT E Y	125.40	Æ1
Mortgage { Gold or stg cou	p. 7,000,00	00	6* et er	Phil. or Lon	d. 1911		lst Mortgage tax free	9,000,00	0	Feb. & Au	N.Y. & Lond	1918	39
June 1, 1871. Gold or stg reg Dollar coupon.	863,0	00	8 * 11 11	Philadelphi	a. 1911	***	1st Mortgage.(W.&R.)Skg Fur	rd 799,99		March & Sep	New York.	1880	4
New deben. loan, conv	. 10,500,00	00	7 Jan. & Jul	у.	1893	57	2d Mortgage	460,00	0	Jan. & July June & Do	7- 4 4	1902	
New Improvement Mort. Loa	n. 9,588,00	00	6* Apr. and Oc	t. Phil. or Lon	d. 1897		General Mort. S. F	3,000,00		June & Do		1891	32
Gen'l Mort. stg. S.F.(\$60,000,00 Mort. (Coal and Iron Co.) gua	18,192.50	00	6* Jan. & Jul. 7 Various.	y. " "	1908		Rutland (Cent. Vt. & Vt. & Can.	3,000,00		Apr. and Oc	The Part of the Pa	1906	51 10 21
Pitteburg, Titusville & Buffalo:	104,00		Tanioum.		1.302	-19	Equipment Mortgage, tax free	500,00		May and North & Sep	Boston.	1880 1880 1902	
1st mortgage				g. Philadelphi	a. 1896	61		500,00					h

An Asterick (*) affixed to rate of interest signifies "Payable in Coin."

Description of Bends.	Amount	Rate.	Interest	Payable. Where	Due.	Price.	Description of Bonds.	Amount	R	When.	Payable. Where.	Due	1
laginaw Valley and St. Louis:	8		16 m 4 1971	in the base 1197	1000	and 9	South Carolina:			L. Lands	Collinson	182-188	-
ist Mortgagant Penobscot:	846,000	8	May & Nov.	Saginaw.	1892		lst Mortgage Sterling	1,482,667	7	Jan. & July.	New York.	78-188	3
1st Mort. (Cal. & Baring)	95,200		Jan. & July.	Calais, Me.	1879		2d Mort. for \$3,000,000 Domestic (I) Bonds	1,206,500		April & Oct.	A Maria	1902	1
	17,500	6	June & Dec.	4	1879	****	Domestic (I) Bonds	1,054,500	7	Jan & July.	Charleston.	1891 '80-'92	2
Calais Loan (Lewey's Island)	110,000	0	anne a Dec.	عالى راكاليد م	1010	1111	South Georgia and Florida:	63,500		Jan & July.		infra or	1
t. Joseph & Denver City: 1st Mort. (E. D.) gold tax free 1st M.(W.D)land grant, g'd tax fr	1,500,000		Feb. & Aug.	N. Y. & Lond.			1st Mort. assumed by Atl. & Gulf	464,000	7	May & Nov.	New York.	1888	1
let M.(W.D)land grant, g'd tax ir	5,500,000	8*	THE THE	news V. A. LO	1900		2d Mort. " " " South Mountain Iron(Cumb.Val):	200,000	7		and the same	1889	1
t. Joseph and St. Louis :	1,000,000	6	May & Nov.	New York	1893		1st Mortgage guaranteed	200,000	6	June & Doc.	Philadelphia.	1888	1
ist Mortgage t. Louis, Alton and Terre Haute:			1222	No. 8 JULY STATES	Le CIO	1.7	2d Mortgage for \$200,000 South and North Alabama.	177,560		March & Sept.	4	1884	1
1st Mortgage skg f'd. (Series A) 1st Mortgage skg f'd. (Series B)	1,100,000	7	Jan. & July. April & Oct.	New York.	1894	116	South and North Alabama.	301.000	8*	Jan. & July.	New York.	1890	1
2d Mortgage preferred (Series C)	1,400,000	7	Feb. & Aug.	4 4	1894	851	1st Mort., endor. by Ala., gold Sterling Mort., guar. by L. & N.	£1,038,000	6*	May & Nov.	London.	****	1
ad Mortgage preferred (Series D)	1,400,000	7	May & Nov.	44 44	1894		South Pacific (Atl. and Pac.)			(400)	· · · · · · · · · · · · · · · · · · ·	1000	1
2d Mortgage Income (Series E)	1,700,000		March & Sept.		1884 1894	70	1st Mortgage gold, assumed South Shore (Mass.):	7,188,500	0-	Jan. & July.	New York.	1888	1
Equipment Mortgage	200,000	10	march & popu	S many	1002		1st Mortgage, sinking fund	150,000	6	April & Oct.	Boston	180-181	1
t. Louis, Iron Mt. and Southern: 1st Mort. (St. Louis & Iron Mt.)	4,000,000	1	Feb. & Aug.	New York.	1892	97	South Side, Va. (A., M. and O.):	are 000			** ** *	104 100	
		7*	June & Dec.	4 4	1897 1897	10	lst preferred bonds	675,000 621,000	6	Jan. & July.	New York.	'84-'90 '84-'90	
let Mort. L.G. (Arkaneas Brh) let Mort. (Cairo, Ark. & Tex.)	2,500,000 1,500 000	70	a Dec.		1897		2d preferred bonds	452,800		66 66	66 66	'84-'90	
Consolidated Mortgage	1,500,000	7		4 4	1899		Southern Central (N.Y.):				1 71	6	
t. Louis, Jacksonville & Chicago:	W. (No.)			37 97	1004		1st Mortgage, skg fund conv	1,500,000	7	Feb. & Aug.	New York.	1899	4
lat Mortgage	2,929,000 548,000	7	Jan. & July.	New York.	1894 1898		Southern Iowa and Cedar Rapids:	600,000	1"	March & Sept.		1882	
2d Mortgage	040,000		Dan. & Duty.	at hadam'r	1090		1st Mortgage gold	1,500,000	7*	May & Nov.	New York.	1900	
let Mortgage (North Missouri)	6,000,000		Jan. & July.	New York.	1895	101	Southern of L. L.					1	1
Real estate & 2d M. for \$3,000,000	993,000	7	March & Sept.		1899		1st Mortgage (South Side R. R.)	750,000	7	March & Sept.	New York	1887	1
to Louis, Lawrence and Denver:	1,020,000	6*	Jan. & July.	New York.	1901	1	2d Mort., Sink. Fund Southern Minnesota:	1,500,000	7	May & Nov.		1900	1
1st Mort, guar. by Atl. and Pac. t. Louis and South Eastern:	-,,	70	STATE OF STATE	2014			1st Mortgage land grant tax free	3,340,000		Apl. & Oct.	New York.	'78-'88	8
1st Mort. gold sag rund conv	2,207,000	7	May & Nov.	New York.	1894		2d Mortgage, land grant Southern (Cal.) Pacific:	1,252,000	7	Jan. & July.	- 4	1890	
1st M. (Evans. D.)gold skg f'd,con	1,000,000	7	Jan. & July.	- 11 - 11	1896 1897	****	lst Mortgage gold for \$28,000,000.	11 000 000	8*	April & Oct.	New York.		
let Mort. (Evans., Hen. & Nash.) Consol. Mort. Skg. Fund	2,000,000		Feb. & Aug.	- 44 44	1902	****	Southern Pennsylvania:	12,000,000					A
Consol. Mort. Skg. Fund Louis, Van.& T. H. (T.H.&I.):	20. "[[].				The second	1	lst Mortgage gold	625,000	7*	March & Sept.	Philadelphia.	1900	
1st Mortgage, guaranteed	1,899,000		Jan. & July.	New York.	1897		2d Mortgage gold	88,000	1.			1880	
2d Mortgage, (A.) guaranteed	1,600,000	7	May & Nov.	86 66	1898 1893	****	South Western (Cen. of Ga): Plain Bonds, various conv	391,000	7	various.	Macon.	172-186	6
2d Mortgage (B.) convertible Income Mortgage	1,000,000		March 1.	Pittsburg.	1901		lst Mortgage (Muscogee) conv			44	4	1721-76	
Paul and Iowa Southwestern	Mr. Alizabilia		0.00	The second second		1	Spartanburg and Union:						
1st Mortgage	4,500,000	7*	May & Nov.		. 1903		1st Mortgage, end. by S. Car	350,000	7	Jan. & July.	Charleston.	1879	Ì
t. Paul and Pacific 1st Division: 1st Mort. (St.P.to St.Anth.)10m.	120,000	8	March & Sept.	New York.	1892	1	lst Mortgage not endorsed Springfield, Athol & Northeastern	198,370		-		1879	a
1st M. (St. Paul to Watab) 80m.	366,000		Jan. & July.	44 44	1892	****	1st Mortgage	416,000	7	Jan. & July.	Boston.	'83-'91	1
2d Mort. (do.) & 1st land gr. 1st M. (Main L.) R.R. & Lands. 2d M. (do.) R. R. & Lands.	1,145,750		June & Dec.		1892		Springheid & Illinois S. Lastern:		-	172.1 C A	NT NT	1000	
1st M. (Main L.) R.R. & Lands.	3,000,000 8,500,000	7*	May & Nov.	London.			1st Mortgage gold, tax free	3,400,000 446,000	71	Feb. & Aug.	New York.	1899 1900	
General Mortgage for \$15,000,000	********	7*		Complete the second	****		2d Mortgage gold, tax free Springfield and Northwestern :	440,000				1000	
t. Paul, Stillwater & Taylor's F. :						1	lst Mortgage gold, skg fund Staten Island:	500,000	7*	Feb. & Aug.	New York.	1901	
let Mortgage	450,000	8	Jan. & July.	New York.	1901	****	Staten Island:	000 000	7	Ton & Tule	Man Wash	1000	
alem (West Jersey):	100,000	6	Jan. & July.	Philadelphia	1878	100	1st Mortgage	200,000	'	Jan. & July.	New York	1886	
1st Mortgage guar	200,000	0	one a outy.	- mindelphia	1010		1st Mort., Guar. by Cent. Verm		7	Jan. & July.	Boston.	1887	
1st Mortgage	226,900	6	Feb. & Aug.	Boston.	1878	95	Sullivan (Central Verm.):		1	The second second			
and, Mansfield & Newark (B&O.)	0.004.000		T T.L.	Man Wash	1,000	1	2d Mortgage	250,000	6	Feb. & Aug.	Boston.	1881	
1st Mortgage guaranteed	2,301,000	7	Jan. & July.	New York.	1900	91	Sullivan and Erie: 1st Mortgage, skg fund	1,000,000	7	May & Nov.	New York.	1886	
let Mortgage, guaranteed	400,000	7	March & Sept.	New York.	1886		Summit Branch:			may at 1101	NOW TOIL.	2000	
let Mortgage, guaranteed avannah, Albany& Gulf (A &G):					1		1st Mortgage	800,000	7	Jan. & July	N.Y., Bost.Ph	1904	
Bectional Mort	310,000	7	Jan. & July.	New York.	Var.		Sunbury and Lewiston:	1,200,000	71	April & Oct	Philadelahia	1890	
Bavannah and Charleston: 1st Mortgage (Sav.& Char.)	500,000	7	Jan. & July.	New York.	1889	100	1st Mortgage gold	200,000	6	April & Oct	rniadelphia.	1891	
State guaranteed (C.& S.)bonds.	505,000	6	March & Sept.	Charleston.	1877		Suspens, Bridge & Erie Junc. (E.)	200,000	1			-	
Funded Interest bonds, guar	111,800	7	4 4	New York.	1889		1st Mortgage	1,000,000	7	***********	New York.		
Bavannah, Griffin & North Ala.:	159 000	-	Jan. & July	Wasan	1901		Syracuse, Bing. & N.Y. (DL&W)	1 400 000	7	Amell & Om	Man Wash	1870	
1st Mortgage for \$500,000 guar	102,000		Jan. a July	Macon.	1891		1st Mortgage	270,000	7	April & Oct.	New 1 ork.	1887	
1st Mort., gold, endor. by State.	16,000pm	.84	May and Nov.	New York.	1890		Syracuse and Chenango Valley:	1		1	The second state of		
chenectady & Susq.(D.&H.Can.)		-	The second second	1	1000	100	lst Mort. gold, for \$500,000	500,000	7	Feb. and Aug	New York.	1891	
1st Mortgage gold, tax free Schooleraft & Three R. (LS&MS):	400,000	1.	Jan. & July	New York.	1900		Tebo and Neosho (M. K. & T.):	1,163,000	7	June & Dec	New York.	1908	
1st Mortgage	100,000	8	Jan. & July	New York.	1887		lst Mortgage gold, skg fund Terre Haute & Indianapolis:	_,,	1	No. Jensey		1156	
seaboard and Roanoke:	810.000		Control Control		100	1	1st Mortgage	. 800,000			New York.	1879	
1st Mortgage	210,000	17	Jan. & July	. New York.	1880		Bonds of 1873 for \$1,600,000 Texas and Pacific:	. 516,000	7			1894	
1at Mort. (guar. by Ala.)	1,888,000	8	April & Oct	New York.	1890		1st Mortgage, 8,000 per mile	3,555,000	€	* Mar. & Sept	N.Y.Ph. Lor	1905	
Selma, Marion and Memphis: 1st Mort. guar. by Ala	10.000	1	Contract of the Contract of th	1000	1		Consolidated Mortgage	7.548,000	6	* June & Dec	46 46	1905	
lat Mort. guar. by Ala	16,000pm	8	March & Sept	New York.	1889			. 7,339,805	7		N. Y. & Phil	1. 1915	
lelma, Rome and Dalton:	3,000,000	7	April & Oct	New York.	1887		1 3-4 Mantana		7	* Jan. and July		1908	
2d Mortgage	4,000,000	7	Jan. & July		1891		Toledo, Peoria and Warsaw:	1	1	1000	K-1-1-41		
Equipment Mortgage	230,000	10			1881		1st Mortgage (Eastern Div.)	1,600,000					
hamokin Valley & Pottsv.(N.C.) 1st Mortgage, on road and lands		71	Jan. & July	. Philadelphia	1901	97	1st Mortgage (Western Div.) 2d Mort.conv.(")				66 66	1896 1886	
heboygan and Fond du Lac:	-,013,000			TRULY 25 MACH	1000	1	Equipment Mort sinking fund.	94,000		Jan. & July	46 46	1879	
heboygan and Fond du Lac: 1st Mortgage	729,000						Consol. Mort. for \$6,200,000	. 1,500,000	7	May & Nov	66 66	1910	1
lat Mortgage extension	694,000	1 8	April & Oct		1896		1st Mortgage (Burl. Branch)	250,000		June & Dec	. 44	1901	
let Mortgage for \$1,000,000	795,000	7	April & Oct	New York.	1889		Toledo, Wabash and Western: 1st Mort. (Toledo and Illinois	900,000	1 .	Foh and And	None Vank	1890	
hepaug Valley (Ct.).		1		-21con			1 1st Mort. (L.Erie, Wab. & St.L.	2,500,000	7		New York.	1890	
lat Mortgage for \$1,000,000 hepaug Valley (Ct.). lat Mortgage	400,000	0 7	April & Oct	New York	1891			2,500,000	0 7		20 20	1898	3
2d Mortgage	200,000	7	Jan. & July		1902		lat Mort. (Quincy and Toledo	500,000	0 7		7. 46 66	1860)
let Mortgage construction	200.000	0 7	March & Sep	Boston.	1880		lst Mort. Ills. & South'n Iowa lst Mort. Decatr. & East St. L	300,000			••	1882 1889	
Bioux City and St. Paul:			40.000	V	1	1	2d Mort. (Toledo and Wabash	1.000.000	0 7		7. II II	1878	
lat Mortgage	. 1,240,000		May and Nov	New York	1901		2d Mort. (Wabash & Western	1,500,000	0 7	1 46 46	16 16	1878	3
Land Grant Mortgage gold	450,000		A Committee of the comm	1	1901	1000	2d Mort. (Gt. West. Rwy of '55	2,500,00	0 7	4 4	66 66	1893	3
2d Mortgage	165,000			A PART OF THE OWNER,			Consol Q To let Manten	2,610,00				1883	
		100	1			1	Consol. 2d mort. gold					1893	
Si Dx City and Pacific: 1st Mortgage gold			Jan. & July	. New York	A language		Traverse City (Gr. Rap. and Ind.	2,186,00	י וע	Feb. and Au	Z. 46 66	110350	١.

The Letter (6) affixed to Rate of Interest Signifies "Payable in Gold."

Description of Bonds.	Amount.	Rate	When.	Where.	Due	Price	Description of Bonds.	Amount.	Rate	When.	Where.	Dang
oy & Bennington (T. & B.): at Mortgage skg fund, guar	\$ 89,700		Jan & July.	Troy.	1878		Western Maryland: 1st Mortgage, unendorsed	\$ 400,000	6	Jan. and July.	. 1	15,90
oy and Boston . st Mortgage	300,000	7	Jan. & July.	New York.	1887		1st Mort, endor, by Balt 2d Mort, "	200,000 300,000		44 44	44	890
d Mortgage	300,000	7	April & Oct.	11 11	1885		2d Mort. endor. by Wash. Co	300,000		46 14		.890
d Mortgage	650,000	7	April & Oct. May and Nov.		1875	****	2d Mortgage preferred	600,000			"	1895
onvertible Bonds	648,000	7	44	66 46	1882		3d Mortgage endor. by Balt	875,000	6	41		1900
by, Salem & Rutland(R.& Sar.):	800 000	7	May and Nov.	New York.	1890		4th Mortgage	1,000,000	6		44	1900
st Mortgage, guaranteed by Union (and Depot):	500,000	'	may and Nov.	New 1 ork.	1090		Western Pacific (Cen. Pac.): 1st Mort., assumed	9 725 000	0.	Ton and Tuly	New York.	1899
st Mortgage, guaranteed	680,000	6	Jan. & July.	New York.	1878		Western Pennsylvania (Penn.):	2,100,000	00	Jan. and July.	New Tork.	1000
ekerton:							1st Mortgage	800,000	6	Apr. and Oct.	Philadelphia.	1893
t Mortgage	408,000	7	April & Oct.	Philadelphia.	1901		lat Mortgage (Pittahe Branch).	1,000,000	6	Jan. and July.	11	1896
on Pacific:	am ana ana	0-		NT 37 6 D	100 100	1011	General Mortgage	1,200,000	7			
t Mortgage gold, tax free	7,232,000	06	Jan. & July.	N. Y. & Bost.	1887	1044	Western Union (Chi.,M. & St. P.):		1		** **	
t Mort. Land Grant	97 936 519	6	Apr. and Oct.	II S Tresener	'96-'99	100	1st Mortgage for \$5,000,000 West Jersey:	3,500,000	7	Jan. and July.	New York.	1896
Mortgage Ginking Fund	14.046.000	8	March & Sent	New York.	1894	95	Debenture bonds guar. by C.&A.	400,000	6	March & Sept.	Comdin	1888
Mortgage Sinking Fund maha Bridge Bonds Sterling	2,279,000	8G	Apr. and Oct.	London.	1896		1st Mortgage	1,000,000	6	Jan. and July.	Camd en.	1896
on Pacific (Central Div.):							lst Mortgage (Salem) guar	100,000	6	4 4	Philade lphia.	1878
t Mortgage gold, tax free	1,600,000		May and Nov.		1895		lst Mort. (Swedesboro') guar	200.000	6	June & Dec.	Cam den.	
Mortgage (Gov. subsidy)	1,600,000	6	Jan. & July.	U.S. Treasury.	196-7-8		2d Mort. (Cape May & Millville)			Apr. and Oct.	. 46	
on Pacific, S. Br. (M.K.& T.):	9 990 000	100	Ton & Tules	Now York	1899		Consolidated Mortgage	1,000,000	7		4	1899
at Mortgage gold, skg fund	0,220,000	96	Jan. & July.	New York.	TOBB	****	West Wisconsin:	2 000 000		Ton and Tule	N W T Y	1007
ion & Titusville(P., T. & Buff.) st Mortgage	500,000	7	Jan. & July.	New York.	1890	50	1st Mort. land gr., gold skg fund 1st Mort. (Sonthern Extension).	640,000	70	Jan. and July.	N. Y. or Lond.	1902
ited N. J. R. R. & Canal Cos.:	000,000	1	oam a omy.	21011 20111	2000	-	White Water Valley:	640,000	70		- 1	1902
oan of 1901 (United Compan's)	3,000,000	6	March & Sept.	Philadelphia.	1901	103	1st Mortgage	1,021,840	8	Feb. and Aug.	Cincinnati.	1890
terling Loan £369,200 (U. Co's)	1,846,000	5G	6 4	London.	1894		Wico Mico and Pocomoke:		3	arug.	- Indiana	1 9
terling Loan £360,000 (")	1,800,000			66	1894	****	1st Mortgage	200,000	6	Jan. and July.	New York.	1888
oan of 1894 Sk. Fund (")	2,000,000			Philadelphia.			williamston and Tarboro':		1		2	
oan of 1888 (United Compa's)	154,000			often dem	1888	96	1st Mortgage	350,000	8	May and Nov.	New York.	1900
Sond to State of N. Jer. (U.Co's)	1 310 000	60	Feb. and Aug.	London.	1880	****	wilmington, Colum. & Augusta			Tune 6 To	D.14	1000
terl'g S.F. £262,000 (C. &Am.) oan of 1883(Camden& Amb'y)	1,700,000	6	4 and Adg.	Philadelphia.		103	1st Mortgage	3,800,000	7	June & Dec.	Bultimore.	1900
oan of 1889(" "	866,000			Princeton.	1889	1024	1st Mortgage	1;200,000	7	Apr. and Oct.	P'ailadelphia.	1900
fortg. Loan ("	5,000,000	6	May and Nov.	Philadelphia.	1889	1111	2d Mortgage coupon or regis	1,700,000		Jan. and July.	44	1902
oan of '78 (N.J. R.R. &T. Co.	450,000	6	Feb. and Aug.	New York.	1879		Wilmington and Weldon:	1.		- Culy	- F	1
and to State of N. J. (do.)	100,000	7	Apr. and Oct.	N. Y. (Over	Due.)		Sterling Bonds	648,70	60	Jan. and July.	London.	1881
h Central:	1 000 000			Q. W. T. 1. QU	1000		Sterling Bonds Sinking Fund gold, Bonds Wilmington and Western (Del.):	221,40		May and Nov.	44	1886
st Mortgage	1,000,000	0	Jan. & July.	Sait Lake City	1890		Sinking Fund gold, Bonds	749,00	.70	Jan. and July.	New York.	1896
h Southern:	660,000	7	Jan. & July.	Salt Lake City	1901		let Mortenge	F00.00		TATEG	TH. 18 4 7791	1000
st Mortgageca and Black River:	000,000	1.	Jan. & July.	Dait Lake Oit	1001		Winona & St. Peter (C. & N. W.)	500,00	7.4	J. A. J. & G.	Phil. & Wilm.	1892
st Mortgage	200,000	7	Jan. & July.	N. Y.& Utica.	1878		1st Mortgage \$20,000 p. m.	2,750,00	0 7	Jan. and July.	liew York.	1887
Sonds of 1871 (2d issue)			44 44	46 65	1891		1st Mortgage \$20,000 p. m 2d Mortgage \$12,000 p. m	1,650,00		May and Nov.	d4 44	1907
ca, Ithaca and Elmira:		-					Extension mortgage bonds	4,375,00		June & Dec.	44 44	1916
st Mortgage, Sterling	1,500,000	7.3	Jan. & July.	London.	1902	****	Wisconsin Central:			Eli Li	1 2 2	ILE.
rmont Cent.—See Central Vt.		1					lst M. L. G.,gold S. F.\$25,000pn	4,618,50	0 70	Jan. and July.	Boston.	1901
rmont and Massachusetts: st Mortgage sinking fund	550,000	a	Ion and Inly	Boston.	1883	104	Worcester (Md.):	010.00		Inm and Tule	m	1.004
Convertible bonds, tax free	200,000			asoston.	1879	1044	1st Mortgage Worcester and Nashua:	210,00	0 6	Jan. and July.	Baltimore.	1891
Convertible bonds				44	1885	168	Plain Bonds	125,00	0 "	Jan. and July.	Boston.	1881
cksburg and Meridian:	200,00	1			12000	1	Plain Bonds	185,30			DOSTOIL.	181-18
(1st series (red)	. 717,500		Jan. and July.	Philadelphia	1890		Plain Bonds			Apr. and Oc's		1893
General 2d series (blue)	. 850,000		"	"	1890	****	CANAL BONDS.		1		1 mar 13 1	3.4
ortgage 3d series (black)	138,000			66	1890		The second of th		1	- FSE - 10	1000	15 1
4th series (not end.).				1 "	1890		Chesapeake and Delaware:				-	1.000
Special Loan 1871neland:	. 213,00	0 8	Jan.and July.		1880	****	1st Mortgage sinking fund	1,993,75	0 6	Jan. and July	Philadelphia.	1886
st Mortgage tax free	. 750,00	0 7	Apr. and Oct.	New York.	1890		Chesapeake and Ohio: Sterling Loan guaranteed	4,375,00	0 =	J. A. J. & O	London.	1890
rginia & Tennessee(A.M.& O.)		1.	aspir and our	THOM YOUR	2000	1	Preferred Bonds (next lien)	1,699,50	0 8	Jan. and July	Baltimore.	1885
st Mortgage		0 6	Jan. and July.	N.Y.&Lynch	1873		Delaware Division (L.C. & N.):	2,000,00	0	oam mid outy	Dairemore.	1000
d Mortgage	. 990,00		4 4	4 4	1884	80	1st Mortgage, guaranteed Delaware and Hudson:	800,00	0 6	Jan. & July	. Philadelphia.	1878
oth Mortgage	969,00		March & Sept		1900	86	Delaware and Hudson:	1		B. I.	l l	15.0
Registered Certificates	. 94,19		Jan. and July.	4 4	1875		lst Mort. (1st series, Nov. 1, '6 registered. (3d series, July 1, 186 d series, Jan. 1, 187	7, 1,500,00		May and Nov	New York.	1877
Funded Interest	. 226,90	0 8			1880		regis- 2d series, July 1, 186	9 3,500,00		Jan. and July	- 66 66	1884
allkill Valley (Erie):	810 50	0 7	Apr. and Oct	Now Vork	1901	1	tered. (3d series, Jan. 1, 187	5,000,00			4 4	1691
st Mortgage gold, tax free arren(D. L.& W.):	. 010,00	0 1	Apr. and Oct	Mem TOLK	Tagr		Coupon bonds of 1874 Registered bonds of 1874	3,000,00		Apr. and Oct.	14 41	1894 1894
st Mortgage, guaranteed	511.40	0 7	Feb. and Aug	New York.	1875		Lehigh Coal and Navigation:	2,000,00	0 7			TORR
d Mertgage, guaranteed	750,00	0 7	May and Nev	Hew Tolk.	1900	106	Loan of 1877, Debentures	762,77	9 8	June & Dec.	Philadelphia.	1877
d Mortgage, guaranteed arren & Franklin(P.,T. &B.).:							Convertible Debentures	41,55	0 6	- 44 - 44	64	1882
st Mortgage, assumed arwick Valley (Erie):	. 1,500,00	0 7	Feb. and Aug	Philadelphia.	1882	80	Convertible Loan, gold	771,00	0 6	March & Sept		1894
arwick Valley (Erie):	00.00	0 -	A 10 .	Mor W.	1000	1	1st Mortgage, registered	. 5,381,96	8 6	J. A. J. & O.	"	1884
st Mortgageasatch and Jordan Valley:	60,00	0 7	Apr. and Oct	New York.	1880	****	1st Mortgage, reg. (R. R.)	2,000,00	0 0	F. M. A. & N.	44	1897
st Mortgage	150.00	0 0	G May and Nov	New York.	1893		Mortgage (equip.) Loan, gold Consolidated Mortgage	1,000,00	0 6	June & Dec	44	1897
ash'gton City, Va. Mid. &Gt. So	100,00	B	may and Nov	HOW TORK	1099		Greenwood Mortgage Loan	1,115,00	0 7			1911
st Mort. (O., Alex. & Manassas	1,650,00	0 7	Jan. and July	. Baltimore.	1882	70	Greenwood Mortgage Loan Greenwood Mortgage Loan	140,00		Apr. and Oct.	- 44	1877
ld Mort. (" ".) 350,00	0 7	44 44	44	1891		Monongahela Navigation:	54 363	10	3.000	Bung Laure	1
st Mort. Orange & Alexandria	400,00	0 6	May and Nov	. 46	1873	89	lat Mortgage	. 103,00	0 6	Jan. and July	New York.	1887
d Mort " ") 1,200,00	0 6	Jan. and July	46	1875	664	Morris (and Banking):		10	10 mm	DZ 21 1 52 1 2	1 3
AT THE OTHER	600,00	0 8	May and Nov	•	1873	60	1st Mortgage	. 500,00		Apr. and Oct.	Philadelphia,	1876
th Mort. " Funded Coupons (do.)	700,00		March & Sept	**	1880	33	Boat Loan, sinking fund Preferred Stock Dividend Scrip	. 230,90				1899
ist Mort. (Lynchb'g & Danville	722,66	0	Apr. and Oct	• 1	1896			103,16	4 7	Jan. and July.	portional land	1887
Virginia State Loan		2	Jan. and July	•		3		2,805,00	0 6	Jan. and July.	Philadelphia.	1910
ashington and Ohio:	220,00	-	oun and only		0	1	lst Mortgage (Wy. Val. Can.).	. 600,00		" "	"	1878
st Mort. (Alex., Lou. & Ham	47.00	0 '	May and Nov	New York.	1898		Schuylkill Navigation(Ph.& Rdg	: 300,00	1	1115		
st Mertgage for \$9,000,000 estchester and Philadelphia:	255,50	0 7	G Apr. and Jet		1901	35	1st Mortgage	. 1.714.39		March & Sept.	Philadelphia.	182-19
estchester and Philadelphia:						1	2d Mortgage	. 3,990,39	2 6	Jan. and July.	46	182-10
General Mortgage, tax free	1,100,00	00	Apr. and Oct	. Philadelphia	1891	109	Improvement bonds	260,00	0 6	May and Nov.	I donadi 1	1930
estern North Carolina:				1			Boat and Car Loan	756,65	0 6		The state of the s	1913
estern of Alabama .	850,00	N 8	Jan. and July		. 1890		Boat and Car Loan	621,60	0 7	Ton and To		1915
ist Mortgage (Western R.R.).	. 600,00	10	Ann 1 0	N- T-	1000	1	Coupon Bonds	. 1,200,00	0 6	Jan. and July.		1895
ist Mortgage (M.& W.Point R.1	3. 750,00		Apr. and Oct	New York.	1888			. 1,000,00	0 8	Jan. and July.	Phile & Dell	1998
2d Mortgage (consols guar.) neome Mortgage	1,158,00			4 4	1881	****		1,000,00		" and July	Phila. & Balt.	1885
Tours de l'entreur guiste, les	802,90	00			Var.			324,81	0 6			1894
anound Morto, &6.		1	, mr roune	1	- inte	1	Union:	1 022,01	1	1200	13	1000
estern Union Telegraph:	A LONG		100					1 2	4.0			
estern Union Telegraph:	9,20	00	May and Nov	New York	1875		1st Mortgage	. 3,000,00	0, 6	May and Nov	Philadelphia.	1883
Testern Union Telegraph: 1st Mortgage Beal Estate Bonds, Sink. Fund Bonds (S. F.) Conv. till May '6	9,20 1,498,00 3,988,00	00	May and Nov	New York	1875 1902 1900	106		100000	1 -	May and Nov. Jan. and July	Philadelphia.	0 8

RAILROAD SHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

active (" couring in the column headed "Rolling Stock" signification that the cost thereof is included, in that headed "Railroad" A dash (") across the column signification and running date (....) signify "not ascertained in "Indices." State-aid Railroads are distinguished by a "f."

Value of Shares. 2 9 Dividends. 352,074 934,642 16,301 210,866 58,330 83,1609 672,556 826,928 673,500 1,173,554 17,49 73,00 4,387,37 229,52 d125,90 d210,167 128,078 Net Earnings. 634,099 113,086 Gross. 58,620 877,658 115,173 2,953 4,436,944 3,528,529 3,528,530 89,217 122,744 Tone. Freight. Operations. 694.858 171,364 12,202 39,107 1.030.706 63,001 41,305 532,690 30,468 gers. 74,690 784.5 945,959 40.0 21,100 232.04,798,588 187.1 47,301 235,143 110,099 42,917 4,108,206 584.6 9,671,791 8.3 172.0 (Operat 439,989 367,902 67.0 0.962 Railroad Operated. 3,883,195 34,069,792 83,364 209,934 195,760 692,103 459,17 Surplus Income. 000 1,971,734 173,918 15,000 154,237 1,109,521 2,527,968 000'09 Accounts Liabilities. Abetract of General Balance Sheet. 3,614,006 3,422,000 450.090 23,850,798 5,633,000 2,500,000 Bonds. 800,0 2,051,468 ,000 42-1 8,229,341 16,226,474 4,418,078 20,525,000 500 Stocks 671,630 12,000 830.970 211,318 34,010,089 4,721,557 86,105 427,326 Accounts and Cash. 42,635 207,619 2,592,788 7,021,959 1,000,000 91,738 428,818 19,974,138 134,266 1,000,000 1,896,669 293, 197 122,330 2,412,103 Property and Assets. Assets. 400,808 1,437,779 471,312 Rolling Stock. 696,010 110,200 1,452,048 143,488 | 1 | 6 | Adhrondack | New York 3, 113, 515 |
2	10	Adhrondack	Adhrondack	13, 616
3	10	1992	Albabana clerkel	13, 616
4	Albabana and Chattanooga, Ala Mina, &c. 115, 62, 627			
5	2	Albabana and Chattanooga, Ala Mina, &c. 115, 62, 639		
5	2	Albabana and Chattanooga, Ala Mina, &c. 115, 62, 639		
5	2	Albabana and Chattanooga, Ala Mina, &c. 15, 62, 639		
6	2	2	Albabana and Chattanooga, Ala Mina, &c. 15, 63, 639	
6	2	2	Albabana and Chattanooga, Ala Mina, &c. 15, 63, 630	
7	4	Albaba, Younge're'Re'Pita, (Po.), Chio 3, 75, 630		
8	2	4	Albaba, Younge're'Re'Pita, (Po.), Chio 3, 75, 630	
9	2	4	Albaba, Tomogr'a Valley's Chair Cha Railro - 518 243 68 11310 Baltan Freight. Rolling Stock Cars. 3° 22° 23° 8 2591 2.9 125.0 8.7 14.9 900.0 3.0 102.0 9.7 — 100.0 104.0 39.0 70.0 30.0 Mailroad. 48.0 343. Branch Line, 6.5 6.5 7.5 35.8 7.0 110.0 0.0 20.0 0.0 4.0 1.0 4.0 58.0 18.5 6100 47.0 24.5 10.5 Mr by Line.	

1888						-				_								
1888	8 20		0 50	1 19	111		. 11:15	ं लें क		2 ip : iq		:::::	:::::			os : 40	::40	
1	8888888	288888	22222	2222	2001	20000	01000	20000	0000	2 : 2 : : 5	00000		99999	0000		9:0	0000	1200
1:11	1 5 00	111111	-1111	11-11	19919	22222	2 011	11 11	1202	99999	00000	3000	20020	2222	2233	220	2223	2000
2022	128512889	111111	0012020	1 0000	.00010	10000	01.00	1 1 1	1000	3 0 1 %	120000	0 0	1991	7111	1100	0 0	101	110
2202	වී වැන්නු කුතු කුතු දේ කුතු කුතු කුතු යැද	4,000,1	25,000	24,4,2	3,68	4,28,84	5,0%	99,00,4	3,8,0	9,4,6,8,1	67.00	946	2 222	18	8 8 000	100	918	,500
d. 2.	30, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2	45.128	13.15%	28.34	087	000	20 1 128	2000	800	548EE	145 E E E E E E E E E E E E E E E E E E E	1 2 4	1962	28 :1	2282	417	342	25
521 013 149	1868 1868 1868 1868 1868	828 828 822 823 849	22222	200000	1 2 3	82	18: 18	1222	1881	2288997	128	1 1 9 8 9 9 1 7 1	.000	9: 20	1125	****	888	8: 2
2,8,2,5	20,000	81,	28.5.25	41,1 66,9 84,9	27,2	421,982 431,811 221,116 500,960	192,1	26,0	77,5	800,0 80,0 80,0 80,0 80,0	816,69 816,69 526,07 159,22	0,787	8,5,6	0.4	2,6	350,14 850,14 126,34	2003	1,3
05	1 4 H		2000	- 12 C	17.4	4400	00 1 00	444	00	200000	6	1,01	0.00	22 :4	28	1,28	1,00	
538	359,569 415,714 445,802 396,933	18.7	338	: 002	1::1	12 :00	392,264	168.69	1:1:	4 :222:5	1825	211:00	: 54%	9::8	::::	107	9655	: 1
88.88	15, 59, 59, 59, 59, 59, 59, 59, 59, 59, 5	18, 78, 16,	20,	25,		236,614 199,692 72,204	92,	238,899 1,323,880 [11 mos.		298,822 45,373 109,671	\$42,773 621,881 878,864 14,882	86,0	98,3	m	::	808,102	86.4	:
	m of	a :	-103	8.0		CHE	9	4 2 E		0 10	64		.00.00			80	186,825 6€1,886	1876.)
. 44	158:33	201: 20	: : : : : : : : : : : : : : : : : : : :	21 .00 .		• 90 • 00	1 1 1		1 . 1	2 .000	1 .0000	#10.0	· = - = 01	4	::!!	191		-
84,264	188,257 161,892 862,264 2,019,484	8, 8, 6, 6, 6, 6, 6	400	6,4		206,988	304,992	269,107 695,683 736,068		050,846 811,829 209,697	32,23	e of 1875.	1,000	6		126,066	5,386,038	Jane 22
	80	2	120,00	4		28 . 8	8	188 5		9 :028	1.00	of 1	A 25			129	988	9
		EO . TOE		F	1 :: 1	1-0 .0	9	1 : 00 : 1	1:1	* :01:00=	1:0000	1 8 :	: o	- 111	::!!	1 1	7 7	
60	633,277	3cld un 751,200 179,001 19,800 305,235	7,08	2,13		57.6 288,327 1484 438,450 45.0 91.5 1,132,195	848,016 154,680 4.158.591	166.9 365,111 199.8 1,473,933 101.2 587.0 4,137,477		329,552 131,886 210,650 608,581	0827	Ince clc	1,57	3	1111	392,688	753,844	(Opene
4.4	2,30	17. 17. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	1,18	17		8 3 5	25	36		8 22 28	12.2	Sold since cl 142.0 46.8 94,60	35881	8	1111	80	755	0
5.0	4.1.20.00.7	0.00	00000	90083	0.8	57.C 48.4 45.0 91.5	50.5	10,00,00	89.0	668.3	11500	2 20.00	1 1000	0000	001	190	800	991
200	113000000000000000000000000000000000000	071500	88435°	85.00	100	0440	3 2 5 t	19998	100 1	400	1 2000	S 185	1000	3888	188	98	282	88
801	142	111111	329	1 2	329	1113	1 1 1 2	800	198	8 8 18	18 2	31111	1 8 1	IIII	181	111	142	TI
616,801	124,742 126,586 ,838,644		1,433,646	7,756,051	1,422,326	105,817	47,117	860,456 406,602 29,808	321,061	513,039	252,131	19,300	2,544,598		09,5		8,606,94	
1	6		1 3		1 1		111	~		- -	100		1 1 1 1	1111	C.		8,6	1
903	16200231		307	6,537 68,098	147	739 054 919	7777	986	361	25225	374:	36 53	1 189	::::	1 200	3:	215	151
303	86.22.00.00		683	68,	62,	192,739 184,054 14,568 134,919	387,964 814,777 878.705	14,986	80,	173,979 694,161 546,734 313,821 149,135	205,962	118,000 684,423 91,636	927,795 765,149		840,811 755,945 3,000	201,540	30,000 149,315 ,491,701	6,6
0-10	6 6	000000	00000	10000	0000	0000	20+06	0000#	000	00000	000000	70000	10000		1	. 64	- 6,	
0,00	2000000000	000000	8,000,000,000,000,000,000,000,000,000,0	00000	9999	5688	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80000	969	38888	82888	58884	66649	888	6,054,000 7,696,388 175,000	9000	900	000
5253	81.881.85	3002335	128603	8300	88.80	2000	400.4	823.48	984	422200	285055	41,52	32183	922	054	495	200	580
222	2022000	22222	882244	00000	199 : 9	2222	21388	20700	0000	200000	90000	20.00	40000	0000	0000	600	41	0000
8,00	- 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0,000,000	2017.4	200000	0,00	21.00	0,00	96,000	9,00	0000004	80000	9,7	99988	8888	81.00	90,0	0,10,0	588
2,57	88,51,09,09,09	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6,71	21.000.	3,50	28800,	0,10	55488	88.	4 5 6 8 7	28873	38 8	2 2 2 8 2 8 2 2 8 2	000	21213	000	98,000	2000
04:	688 688		::::85	679,419 25	18:1	00 :00 :	8: 2: 8	88 4	195	89:::9	- 3	2 : : 2:	9 83 : :		6411		- 60 20	
83,2	87,4 86,6 71,9 99,2		69,0	79,4	2,681,500	39,980	7,124	134,026	76,315	9.0	6	20,186 161,366 90,155	246,02		,989,50 895,45		5,85	
	9 12		3.7			: :			1.2		11111	::"	2,1		Amel 6 1		94	
062	9000		918	8,250,434	564,314	1000	1,018,093 547,557 8.150.321	061 585 129	656 995 465	191,203 18,105 302,416 34,010 531,700	1,118,117	25,844 ,000,000 368,183 1,480	457	::::	344,392	111	961	18
271	184 184 184 184		294 112 110	260	564	43	,018,093 547,557 150.321	431 971 455	392	202 25	1,118,117	25,84 1,000,000 368,18 1,480	29,505,457		344,		268,961 3,798,416	813,643
: !	1: 44:	::::::	: 01-4	. :	1 :0				1 = 1	~ .	13:-:	-:	g :	1111	1	:::	65	1 0
	326,600 .826,600			8,9	1,25	184,552	75,000	1.7	1,55	241,989 273,252		104,740 * 775,456			400		567	11
	828		1	200	1,121,251	18	175	2,884,140	1,262,551	273		775			948		*,358,567	*
2880	0041000488	808828	9778	008888	99000	200000000000000000000000000000000000000	80808	118814	823	889888	200000	0 :04:	2200	3888	3588	845	2015	2000
20,0	50,45,25,00	860, 19,000, 18,000, 18,000, 18,000,	95, 14, 77, 69,	889,19 00,18	32,5	8 8 8 8	848 90 90 90 90 90 90 90 90 90 90 90 90 90	26,048 26,048 26,048	98,15 98,15	0,14,04,19 0,04,10,4,19 0,04,10,19	4,000 0,000 0,000 0,000 0,000	8,50	00.00	5648	S = 0 0	0,00	0.000	0000
200	4 3 0 8 4	පැකුපැකු ස	12,00	12,82,42	40,40	Sec. 50	1,00 8,247	44044	0,00	1-0101-0	Q404-00 404-00-0	1 80	10 - 8 4	2000	φ. Φ. (Δ. (Ω. 4)	36.4.4	90.0	200
EC 4	1.404000	wa nd ch.	SP KP I	Man Sign	58560	P 0 7 7	E E O E E	gogog	10.00	pritte i	447.44	4 4 4 6 6	2 . 2 2	1444				TO EN
E - E	B B C - B	CHESTA		Find In	501	10-11	98333	90	555	2 2 2 2 2 2		31	PERM	0355	治田の田	लं भे ल	四四四日	
Ka Ivani	N. V.	HE P. Co.	KILES			2	053.7	0 3 3	000	1 5 5 5 5 5	Per Per Per	ON O	Penn Penn Penn Wy	Mich	Mich laine N.H	Iowa Y&P	Minn & Ga Betts	Z
C. & S.	f. & Mass. S. Car. S. Car. S. Car. S. Car. Illinoi. Ill. & I. C. Car. S. Car.	T.). M. (5. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ch.&	13.18	0.00	E.S.	0. %. do	Co.). hio &	G	w Hanchung	n.NY& & Per d Dako	&P.). P. A. Min. Ohi	Penn Penn Penn I. & Wy	Michigar n. Mich	fichigan Maine M.). N. H	NY&P.	nn. & Ga chusetts Hemn	N. J.
N. C. & S.	H.Can.) N. Ja. & W. V. V. V. H. & Mas. S. Ca. M. V. M. V. V. V. V. W. V. V. M. V. V. M. V.	de. III. & G. T.). M ta. Io. & M ta. IIIIi.	O&NW Mich.& ShoreM nl. Wis. I. Wis. & M	C.III. & ern. II. ec.). Ia.	& C.). yton. olis.O.	ic. Ill.& Palley. D.) O. &	Ky. & Tell, C., C., C., C., C., C., C., C., C., C.	leyOhio & Deeling.	, & C.).	New Haassachus Connecti Connecti	rrim.NY& Md. & Per and Dako	(R.&P.). Powa & Min	Penn Penn Col. & Wy	sMichigar	nigan. Mich Michigan n.) Maine	Cen.) . Iowa itts. N Y & P.	Tenn. & Ga	Marylar N. J. N. O.). N.
a. N. C. & S.	N. & H. Can., N. J. Va. & W. Vi. N. H. & Mas. S.). S.). S. Callinoi illinoi il	tn (G. T.). M esota. Io.&M esota. Io.&M hern Illin	ska (C&N W ke ShoreM Paul. Wis. I.	acific.III. & vestern II	(M.& C.). Dayton. napolis.O.	Chic. Ill.& m Valley I.&D.).O.& G.R.&I.)	HevelandO. Kr. & Te (C.,C.,C.&I Michigan	Valley. O	alley (M.)	Massachus Connecti Riv. Verm	Antrim NY& Antrim NY& Wa and Dako	sb. (R.&P.). P. Iowa & Min	ok Denn tern Penn tern Col. & Wy	percow)Co	Michigan, Michigan Cen.)Maine e(B.&M.). N.H	E Pitts. NY&P.	leletTenn. & Ga Massachusetts N Hemm	L). Narylan
Pacific Ka usta. N. C. & S.	1. (D.&H.Can.) N. T. Va. & W. V. V. W. H. & Mas N. C.)	DubuqueI. & incennes.III. & I J'tn (G. T.). M innesota. Io.&M outhern Illin B. & Q.)Illin B. & Q.)Illin	braska (O&N W ronMich.& Lake ShoreM St. Paul. Wis. I.	r Pacific.III, & thwestern. II. T. Pac.). Ia.	and Dayton.	sad Chic. Ill.& G.H.&D.).O.& ne (G.R.&L.).	E ClevelandO Ey. & Te feld (C,,C,C,&I ad Michigan)	ng Valley	g Valley L. M.)	ntNew Ha Massachus Connecti mp. Riv. Verm	& Antrim NY& A. Antrim NY& Iowa and Dako	ikesb. (R.&P.). Pul. Jowa & Min. Ohi	Brook N. Jer Penn Vestern Penn	odgeIs IllinoisMichigar uthwesternMich	ke Michigan, Michigan Me. Cen.) Maine ogee(B.&M.). N.H	al. & Pitts. NY&P.	ondelet Minn Tenn. & Ga Massachusetts N. Hamn	Val.). N. J.
Augusta. N. C. & S.	Alb. (D.&H.Can.) N.) hilo T Va. & W. Vi N. H. & Mae iir (N.C.) 8. Ca Illino n. & Quincy III. & In la So Mich. O. & In	nd DubuqueI. & I Vincennes. III. & G'd J'th (G. T.). M d Minnesota. Io.&M is Southern Illin (C. B. & Q.) Illin (C. B. & Q.) Illin	Nebraska (O&N W HuronMich.& gan Lake ShoreM e & St. Paul. Wis. It	coah. Il ad & Pacific. III. & Southwestern. Il 7.,R. I.& Pac. 7.1a.	timore. (M.& C.). on and Dayton. Indianapolis. O. ana (I. C.& Le.	tte and Chic. Ill.& skingum Valley ic. (C.H.&D.).O.& vyne (G.R.&I.)	Ky & ClevelandO n	and Del. (Pa. Co.). Pa.Co.). Ca.Co.). Ca.Co.). Ca.Co.). Ca.Co.). Ca.Co.). Ca.Co.).	Clin. (C., S. & C.) (c., King Valley	montNew Hamper Massachuse Connection Connection Riv. Verm	ylvania.) Per Mque & Antrim NY& Md. & Per Iowa and Dako	Wilkesb. (R.&P.).P. Paul. Jowa & Min	d Brook	rt Dodge	Lake Michigan, Michigan 1kee Michigan rt (Me. Cen.) Maine 1saeogee(B.&M.), N.H	Cuy (Ill. Cen.) Iowa. v Val. & Pitts, NY&P. (P. & R.)	Carondelet	(L. Val.). N. J.
Union PacificKa & AugustaN. C. & S. (n.)Pennsylvani	(\$\delta \text{Alb}(D.\delta H.Can) N \) d Oblo \(\text{N.C.} \text{Va.} \delta \text{W. Vq.} \) Moir (N.C.) H. \(\delta \text{N.C.} \text{S. Co} \) food \(\delta \text{Valint} \text{Valint} \text{Valint} \text{Valint} \) gton \(\delta \text{Valint} \text{Valint} \text{Valint} \text{Valint} \text{Valint} \text{Valint} \text{Valint} \text{Valint} \) and \(\delta \text{Valint}	and DubuqueIt and Vincennes, III. & and Vincennes, III. & an. G'd J'th (G. T.). M inols Minnesota. Io.&M inols Southern	and Nebraska (Oc. N. Wake Huron	icific. Liducah. Lisland & Pacific.III. & & Southwestern. II.	Baltimore. (M.& C.). nilton and Dayton. and Indianapolis. O. Indiana (I. C.& I.	Muskingum Valley Chic. (C.H.&D.).O.& t. Wayne (G.R.&L.)	dusky & ClevelandO hern	dahoning ValleyO on and Del. (Pa. Co.) J. (Pa.Co.)Ohio & ras Val. & Wheeling d. C. (Pa. Co.)O. & J	L& Cin. (C., S.&C.)(Hocking Valley(Kenia (L. M.).	laremontNew Happer Per	nnsylvania.)	orwain Wilkesb. (R.&P.).P. St. Paul Jowa & Minhigan Oni	udeon. N. Jones Market Indeon. N. Jones Market Market M. P.).	Fort Dodge	g & Lake Michigan. Michigan Waukee	oux Cuy (Ill. Cen.) Iowa. teny Val. & Pitts. NY&P.	& Ga. 1Tenn. & Ga.	boy (L. Val.)N. J.
of Union Pacific	har. &Alb. (D. &H.Can.) N.) and Obio?Va. & W. V. E. Moir (N.C.)	nton and DubuqueI. Ille and Vincennes.III. & c Can. G ¹ d J ¹ tn (G. T.). M que and Minnesota. Io.&m Illinois Southern	va and Nebraska (O&N W I Lake Huron Mich.& Michigan Lake Shore Waakee & St. Paul. Wis. I Orthwestern.Ill. Wis. & M	Pacific	nd Baltimore. (M.& C.). Hamilton and Dayton. on and Indianapolis. O. nd Indiana (I. C.& I.a.)	afayette and Chic. Ill.& nd Muskingum Valley nd Chic. (C.H.&D.).O.& Fft Wayne (G.R.&I.)	nandusky & ClevelandO louthern	d Mahoning ValleyO ernon and Del. (Pa. Co.) ttsb. (Pa.Go.)Ohio & rawas Val. & Wheeling	field & Clin. (C., S. & C.)(ad Hocking Valley(ad Xenia (L. M.)	Claremont, New Han River New Han River New Han Valley Connecti Western Connecti and Passump, Riv. Verm	(Pennsylvania.) Pen N Oo	a Norway K. S. S. P. J. P. M. Mikeab. (R. &P.). P. M. Michigan Ohi Union D.	d Bound BrookN. Jernald Hudson	Alo Grande (narrow)	ang & Lake Michigan, Mich MilwaukeeMichigan Vewport (Me. Cen.)Maine Vinnipisseegee(B.&M.). N.H	Sioux City (III. Cen.) Iowa. egheny Val. & Pitts. NY&P. Ivania (P. & R.)	is and CarondeletMinn Va. & Ga. 1Tenn. & Ga Massachusetts N. Herm	Amboy (L. Val.)
Br. of Union Pacific	7, Shar & Alb. (D. & H. Can.), N. 7, Shar & Alb. (D. & H. Can.), N. 4. & Man and Le Moir (N. C.). and Alton Burlington & Quincy Illino Burlington & Quincy Ill. & I and Olmana So Mich. O. & In.	Clinton and DubuqueIt availle and JubuqueIt & Can. G'd J'tin (G'T.), W and Illinotes and Minnesota. Lo.&M and Illinots Southern Illin and Jowe (C'B, & Q.) Illin and Jowe (C'B, & Q.) Illin	Iowa and Nebraska (O&N W and Lake Huron Mich.& and Michigan Lake Shore. Milwankee & St. Pani. Wis. I & Northwestern.Ill. Wis. & M	and Pacific	ti and Baltimore. (M.& C.). th Hamilton and Dayton filton and Indianapolis. O.	ti, Lafayette and Chic. Ill.& ti and Muskingum Valley h. and Chic. (C.H.&D.), U.& h. & Ft. Wayne (G.R.&L.)	u, sanqueiry & ClevelandO Al Southern	i and Mahoning ValleyO. Wernon and Del. (Pa. Co.) Pittsb. (Pa.Go.)Ohio & ucarawas Val. & Wheeling & Ind. O. (Pa. Co.)	ngfield & Cin. (C., S. & C.)(s and Yocking Valley	and Claremont, New Hampy out River Massachuss cut Valley Connecti cut Western Connecti tut and Passump, Riv. Verm	ng (Fennsylvania.) Pen Salon Goal. November of Cool. Towanseque & Anrim NY & nd Valley Md. & Per Southern Iowa and Dako	azleton & Wilkeb. (R.&P.). P. rt and & P. Paul. Jowa & Minn and Michigan Ohi	and Bund Brook N Jer and Hudeon Penn J. Laok. and Western Penn derific (K. P.).	to and Fort Dodge	Janeing & Lake Michigan, Mich ad Milwaukee	and Sioux Clip (Ill. Cen.) Iowa. Allegheny Val. & Pitts, NY&P. nsylvania (P. & R.)	Louis and CarondeletMinn n., Va. & Ga. ¶Massachusetts N Herm	hore T. Marylan d Amboy (L. Val.) N. J. efferson and Canan (N. C.). N.
al Br. of Union Pacific	ry V. Shar. & Alb. (D. & H. Can.), N. Yapeake and Ohlof, Va. & W. Voline and Le Moir (N. C.). "We and Le Moir (N. C.). "We and Alton Illinoi Sigo, Burlington & Quincy Ill. & I. Sugo, Burlington & Quincy Ill. & I. Sugo, Burlington & Connect Mich. O. & In.	go, Clinton and Dubuque	go, Iowa and Nebraska (O&N W go and Lake Huron Mich.& go and Michigan Lake Shore go, Milwankee & St. Pani. Wis go & Northwestern.Ill. Wis. & M	go and Pacific	nnati and Baltimore. (M.& C.). nnati, Hamilton and Dayton Hamilton and Indianapolis. O.	nnati, Lafayette and Chic. III.& nnati and Muskingum Valley Rich. and Chic. (C.H.&D.), O.& Rich. & Ft. Wayne (G.R.&I.)	nnati, sandusky & ClevelandO nnati Southern	land and Mahoning Valley O. Mt. Vernon and Del. (Pa. Co.)	Springfield & Cin. (C., S.&C.)(abus and Hocking Valley) abus and Xenia (L. M.)	ord and Claremont	ecting (Pennsylvania.) Pen Maldadon Oosl. Ing. Cowanseque & Antrim NY & estinad Valley. Md. & Pen Re Southern. Iowa and Dako	"Hazleton & Wilkesb. (R.&P.). P and Wickesb. (R.&P.). P and Michigan Ohi	rave and Bound Brook. N. Jer ware and Hudson. Penn ware, Lack. and Western. Penn r Pacific (K. P.).	er and and orrange (narrow)	16, Lansing & Lake Michigan, Mich it and Milwaukee	lue and Sioux City (III. Cen.) Iowa. irk, Allegheny Val. & Pitts, NY&P. Pennsylvania (P. & R.)	St. Louis and CarondeletMinn Fenn, Va. & Ga. T Tenn. & Ga m	n Shore T. Marylan n and Amboy (L. Val.)
entral Br. of Union Pacific	herry V. Shar. & Alb. (D. & H. Can.), N. 7 heathire	hicago, Ulinton and Dubuque	hloago, Iowa and Nebraska (O&NW Wittego and Lake Huron	hicago and Pacific	incinnati and Baltimore.(M.&.C.)., incinnati, Hamilton and Dayton., in., Hamilton and Indianapolis.O. incinnati and Indiana (I. C.& I.a.)	ncinnati, Lafayette and Chic. Ill.& ncinnati and Muskingum Valley n., Rich. and Chic. (C.H.&D.).U.& n., Rich. & Ft. Wayne (G.R.&L.)	nennat, Sandusky & ClevelandO incinnati Southern	eveland and Mahoning ValleyO lev., Mt. Vernon and Del. (Pa. Co.) ev. and Pitteb. (Pa. Go.)Ohio & ev., Tucanawas Val. & Wheeling	ol., Springfield & Cin. (C., S.&C.)(slumbus and Hocking Valley)	not the man of the man	onnecting (Pennsylvania.) Disolitation Coal. Interpretation Coal. Interpretation of Antrin NY &	arry, and volvank. The state of the state o	Clawrave and Bound Brook N. Jenseles Belaware and Hudson. Penn Penn Plaware, Lack, and Western. Penn andr Pacific (K. P.).	where mur and orbanes (mirrow)	etot, laneng & Lake Michgan, Mich etroit and Milwaukee	buque and Sioux Cliy (III. Cen.) Iowa. Inkirk, Allegheny Val. & Pitts, NY&P. Ist Pennsylvania (P. & R.)	let St. Louis and Carondelet	istern Shore T. Marylan ston and Amboy (L. Val.)
Charlotte, Col. & Augusta. N. C. & S. (Charlotte, Col. & Augusta. N. C. & S. (Charliers (Penn.)	Cherry V. Shar. & Alb. (D. & H. Can.), N. 78 (Chespeake and Ohloff, Va. & W. Vy. 20 (Cheshire	QUineago, Ulinton and Dubuque	Ohleago, Iowa and Nebraska (O&NW I) Ohleago and Lake Huron	0 Chicago and Pacific. 6 Chicago and Paducah. 10 Chicago, Rock Island & Pacific.III. & Ohicago, Pekin & Southwestern. II Chicago, E. West, (C.R. I.& Pac.) Ia.	Cincinnati and Baltimore (M.& C.)., Cincinnati, Hamilton and Dayton., Gui., Hamilton and Indianapolis.O. Cincinnati and Indiana (I. C. Ta.	O Gincinnati, Lafayette and Chic. Ill. & Chic. Chic. Chic. Chic. Chic. Chic. Chic. Chic. &	w Chrodinath Sandusir & CivelandO Cincinnati Southern	Gleveland and Mahoning ValleyO Glev. Mt. Vernon and Del. (Pa. Co) Glev. and Pittsb. (Pa. Co)Ohio & Olev. Tuscarawas Val. & Wheeling Col., Chio. & Ind. C. (Pa. Co.)O. &	Columbus and Yorking Valley	Concord and ClaremontNew Han page 2. Concord and ClaremontMassachuse 5. Connecticut Raley	Connecting (Fennsylvania.) 2 Consoliation (Oosl. 2 Conning, Oowanesque & Anrim.N Y& Cumberland Valley Cumberland Valley Daskons Southern 1 Dooba	Darwary and worders. Darw, Razelon & Wilkesb. (R.&P.). B. Davenport and St. Paul. Jowa & Min. Dayton and Michigan. Dayton and Union. Dayton as U. Parr.	Delaware and Bound Brook Delaware Delaware and Hudeon. Penn Delaware Lack, and Western. Delaware Lack. R. P. Western. Desawar Pacific (K. P.).	Detroit, Bel River and Illinois. Michigan Detroit, Bel River and Illinois. Michigan Detroit, Hilladale & Southwestern. Mich	Detroit, Laneing & Lake Michigan, Mich Detroit and Milwaukee	Dubuque and Sioux City (III. Cen.) Iowa. Dunkirk, Allegheny Val. & Pitts, NY&P. East Pennsylvania (P. & R.)	East St. Louis and CarondeletMinn East Tenn., Va. & Ga. TTenn. & Ga Eastern	Eastern Shore T. Nal.)
161 Central Br. of Union Pacific	Cherry V. Shar. & Alb. (D. & H. Can.), N. 7, 2343 (Drespeake and Ohlof, Va. & W. Vy. 413 (Deathire	250 (thicago, Clinton and Dubuque	Ohloago, Iowa and Nebraska (G&NW 341 Ohloago and Lake Huron Mich.& 606 Chicago and Michigan Lake Shore. 18, 2311 Chicago, Miwankee & St. Paul. Wis. 18, 284 Chicago & Northwestern. Ill. Wis. & M. 1895 Chicago & Northwestern. Ill. Wis. & M.	90 Ohleago and Pacific. 176 Chreago and Pacific. 5.289 Chicago, Rock Island & Pacific.III. & Chicago, Pacific & Shorthwestern. II. — Chicago, Pacific & Shorthwestern. II. — Chic. & B. West. (C, R. I. & Pac.) I.a.	Cincinnati and Baltimore, M.& C.)., 471 Cincinnati, Hamilton and Dayton., 489 Cin., Hamilton and Indianapolis.O. — Cincinnati and Indiana (I. & Ta.	550 Ginelinati, Lafayette and Chic. Ill. & S50 Ginelinati and Muskingum Valley 124 Gin., Rich. and Chic. (C.H.&D.), U. & Cin., Rich. & Ft. Wayne (G.R.&L)	wu juneanati, Sandunky & Civeland., O Cincinnati Southern	Googley Mathoning Valley	308 Col., Springfield & Cin. (C., S.&C.) (2,121 Columbus and Hocking Valley Columbus and Xenia (L. M.)	62 Concord and Claremont. New Hall 226 Concord River. Massachuse 156 Connecticut River. Connecticut Valley. Connecticut Western. Connecticut Western. Connecticut Researns. Connecticut Researns. Riv. Verment 699 Connecticut and Passaums. Riv. Verm	Connecting (Fennsylvania.) T12 Consoliation (Oosl. 742 Corning, Oowaceque & Anrim.N Y& 272 Cumberland Valley Md. & Per 77 Daskoa Southern Jowa and Dako	17 Darv., Hazleton & Wilkeeb (K.&P.), P. Dwenport and St. Paul foward & Min. 718 Dayton and Michigan Ohl	Delaware and Bound Brook. Delaware 1.237 Delaware and Hudeon. Penn 15887 Delaware, Lack. and Western. Penn on Pecific (K. P.).	200 Pourter Hull Alo Prante (nhrow)	465 Detroit, Lansing & Lake Michigan 465 Detroit and Milwaukee	Bubuque and Stoux City (III. Cen.). Iowa 88 Dunkirk, Allegheny Val. & Pitts. NY&P. East Pennsylvania (P. & R.) Pa.	669 East Tenn, Va. & Ga. 1	21 Eastern Shore T. Marylan Easton and Amboy (L. Val.)N.J. — Elmira, Jefferson and Canan.(N. C.). N.
3 161 Central Br. of Union Pacific	Cherry V. Shar. & Alb. (D. & H. Can.), N. Y. 2343 (Despeake and Ohlof, Va. & W. V. V. 2453 (Despeake and Ohlof, Va. & W. V. V. Cheahire	2 250 (blicago, Clinton and Dubuque	Ohloago, Iowa and Nebraska (O&NW 7 60b Chicago and Lake Huron Mich. & 7 60b Chicago and Michigan Lake Shore. Mich. & 60s, 231 Chicago, Miwankee & St. Paul. Wis. & 80s, 280 Chicago & Northwestern. Ill. Wis. & M.	2 90 Otheago and Pacific. 2 176 Chreago and Pacific. 30 3.289 Chicago, Rock Island & Pacific.III. & Chicago, Pacific & West, C. R. West, C. R. West, C. R. West, C. R. L. & Pac.) In.	Gincinnati and Baltimore. (M.&.C.)., 471 Cincinnati, Hamilton and Dayton., 4 489 Cin., Hamilton and Indianapolis. O.———————————————————————————————————	550 Gincinnati, Lafayette and Chic. Ill. & 850 Gincinnat and Muskingum Valley 2 124 Gin., Rich. and Chic. (C.H.&D.), U. & Chic., Rich. & Ft. Wayne (G.R.&L.)	1 900 Unchanatt, Bandunkry & Chrysland., O Cincinnat Bouther	Google Consequent Consequent Google Consequent Google Consequent Co	8 308 Col., Springfield & Cin. (C., S.&C.) (2 2,121 Columbus and Hocking Valley	1 62 Concord and Claremont New Hanpy 12 226 Connecticut River Massachuse 13 156 Connecticut Valley Connecti 15 11 Connecticut Western Connecti 16 698 Connecticut Western Connecticut Western	Connecting (Fennsylvania.) T12 Consolias 500 Cos. 144 742 Corning, Owanceque & Anrim.N Ye 522 Cumberland Valley Md. & Per 270 Daskota Southern Jowa and Dako	1 Dany, Hazleton & Wilkeeb (K.&P.), P. Davenport and St. Paul. 10 Was & Min. 4 718 Dayton and Michigan Ohl	Delaware and Bound Brook. N. Jet 18,1237 Delaware and Hudson. Penn 18,1387 Delaware, Lack. and Western. Pen 2,22 Densor Pacific (K. P.) Western.	150 Detroit, Hilledia & Southwestern, Mich	9 460 Detroit, Lansing & Lake Michigan, Mich 9 460 Detroit and Milwaukee	2. 88 Dunkirk, Allegheny Val. & Pitts, NY& P. East Pennsylvana (P. & R.) Pa.	East St. Louis and CarondeletMinn & Ga. St. 1128. Eastern	- 21 Eastern Shore T. Val., Marylan Easton and Amboy (L. Val.), N.J Elmira, Jefferson and Canan (N.C.), N.
-	17 2343 (Debeypeke and Ohlof Va. & W. Vy. 221 19 2343 (Debepeke and Ohlof Va. & W. Vy. 22 10 413 (Deabline Va. & W. Vy. 22 10 143 (Deabline Va. & Mar. 22 13 243 (Debeyor and Le Moir (N.C.) 8. Ca. 75 263,087 (Dheago and Alton 111no 112 345 (Chicago, Burlington & Quincy 11, & 1 345 (Chicago, Burlington & Quincy 11, & 1 345 (Chicago, Burlington & Quincy 11, & 1 4 345 (Chicago, Burlington & Quincy 11, & 1 4 345 (Chicago, Burlington & Quincy 11, & 1 4 345 (Chicago, Burlington & Quincy 11, & 1 4 345 (Chicago, Burlington & Quincy 11, & 1 4 345 (Chicago, Burlington & Quincy 11, & 1 4 345 (Chicago and Chinada & Quincy 11, & 1 4 345 (Chicago and Chinada & Quincy 11, & 1 4 345 (Chicago and Chinada & Quincy 11, & 1 4 345 (Chicago and Chinada & Quincy 11, & 1 4 345 (Chicago and Chinada & Quincy 11, & 1 4 345 (Chicago and Chinada & Quincy 11, & 1 4 345 (Chicago and Chinada & Quincy 11, & 1 4 4 4 4 4 4 4 4 4	4 2 290 (thickego, Ulinton and Dubuque		2 200 Otheago and Pacific. 2 176 Chreago and Pacific. 176 Chreago, Rock Island & Pacific. III. & 200 3,389 Chicago, Rock Island & Pacific. III. & 200 Chicago, Pacific & S. West, C. R. L& Pac.) In. 200 Chic. & S. West, C. R. L& Pac.) In. 200 Chic. & S. West, C. R. L& Pac.) In. 200 Chic. & S. West, C. R. L& Pac.) In. 200 Chic. & S. West, C. R. L& Pac.) In. 200 Chic. & S. West, C. R. W	34 15 471 Cincinnati and Baltimore (M.&.C.). 8 4 489 Cin., Hamilton and Dayton. 8 4 489 Cin., Hamilton and Indianapolis.O. ——————————————————————————————————	3 Led Gineinnati, Lafayette and Chic. Ili.& 15 5360 Oliciennati and Mackhagun Valley 18 184 Gin, Rich, and Ohic. (C.H.&D.).0.& 19 Chi., Rich, & Ft. Wayne (G.R.&L.)	22 23 24 24 24 25 25 25 25 25	1 13 668 Clev., Mt. Vernon and Del. (Pa. Co.) 48 22 8,017 Clev. and Pittab. (Pa. Co.) 48 260 Clev., Thecarnswa Val. & Wheeling 8 260 Clev. Thecarnswa Val. & Wheeling 9 30 1,428 Col., Chia. & Ind. O. (Ph. Co.) O. & D.	15 8 308 Col., Springfield & Cin. (C., S.&C.) (9 3,121 Columbus and Hocking Valley Columbus and Xenia (L. M.)		1.00 - 00 - 00 00	2 1 17 Dany, Hazleton & Wilkeeb (K.&P.), P. Davenport and St. Paul. 10wa & Min. 14 718 Dayton and Michigan Ohi			28 9 460 Detroit Lansing & Lake Michigan, Michigan Pottori and Milwaukee	10 2 88 Dunkirk, Allegheny Val. & Pitts, NY& P. East Pennsylvania (P. & R.)		2 - 21 Eastern Shore T. Val.)Narylan - Easton and Amboy (L. Val.)
-	122.22	3 4 2 220 (blicago, Ulinton and Dribuque	125	4.00	80	2118	2 2 2	14300	20 20	48454	22 21 6 272 Cumbering (Pennsylvania.)		35.02	1021:2	8	12	143	2 2 - 21 Eastern Shore T. Marylan Easton and Amboy (L. Val.)N.J.
-	12 35 31 25 4 2 156 75 302 112	8 41 10 11		4 4 2 90 Otherago and Pacific	200	2118	16 15 15 15 133 56	22 11 668 Clev., Mt. Vernon and Del. (Pa. Co.) 97 48 22 3.017 Clev. and Pittab. (Pa. Oo.) 18 460 Clev., Thecarawas Val. & Wheeling 18 690 Clev., Chev. Chev. 18 690 Clev. Chev.	20 20	48454	1.00 - 00 - 00 00	2 1 17 Dancy, Hadleton (A&P.) 2 1 17 Dancy, Hadleton (A&P.) 2 1 17 Dave, Hadleton & Wilkeeb (K.&P.) 18 2 17 18 Dayton and Michigan (Ohio 2) 2 17 18 Dayton and Michigan (Ohio 2) 2 17 Dayton and Union (Ohio 2) 2 17 Dayton and Union (Ohio 2) 2 18 Dayton (O	688 6 152 81 6 5 18 14	9 : 5	34 28 9 465 Detroit and Milwaukee	12 10		2 2 2 2 2 Bastern Shore T. Marylan Easton and Amboy (L. Val.)N.J.
26 17	21 22 32 22 34 25 34 35 30 30 30 30 30 30 30 30 30 30 30 30 30	41.0 8 11.17	208 115 208 115 342 371	4.0004		011 0	336.0 32 26 25 26 26 25 26 26 25 26 26 25 26 26 25 26 26 26 26 26 26 26 26 26 26 26 26 26	22 14 97 43 163 16	96 88	88 9 0 0 7 4 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			12.0 68 6 152 31	93:5	 22 23	16.9 12 10	96 143	2
26 17	21 22 32 22 34 25 34 35 30 30 30 30 30 30 30 30 30 30 30 30 30	41.0 8 11.17		4.0004		011 0	336.0 32 26 25 26 26 25 26 26 25 26 26 25 26 26 25 26 26 26 26 26 26 26 26 26 26 26 26 26	22 14 97 43 163 16	96 88	88 9 0 0 7 4 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			12.0 68 6 152 31	9 : 5	 22 23	16.9 12 10	40 33	2
12.0 6 17.0 26	0.9 13.8 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	8.4 11.0 14.17.10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	16.7 10 9 25.7 25 12 187.0 208 115 461.8 342 171	2.50 2.29 87 2.00	40.2 33 34 8.4 20 8	13.8 	20.2 20.2 20.3 20.0 13.1 15.1 15.1 16.2 116.2 118.2 11	6.9 14.7 64.5 22.6 81.7 163 15 8	22.0 16 15 15 15 15 15 15 15 15 15 15 15 15 15	8.8 87.0 8.6 6.6 9.0 9.0 9.12 18.12 18.25 1.21 18.12 1	21.1 22 21.1 5.0 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2. 12. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	27.0 — — — — 114.8 12.0 68 6 119.0 — 152 81 8.9 — 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3.4 2.7 3.4 3.4 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	25.0	16.9 12 10	26.3 40 33 70.7 96 143	2
12.0 6 17 26 17	4.6 57.1 7.2 38. 31.2 28. 31.2 39. 31.2	8.4 11.0 14.17.10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	1.1 16.7 10 9 8.0 10 9 125.7 26 115 685.0 461.8 342 171	132.6 200.7 229 87 82.0 10.0 2.0 2.0 87 82.0 10.0 2.0 87 82.0 10.0 88.0 87 82.0 10.0 88.0 87 82.0 10.0 87 82.0 87 82.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	59.9 40.2 33 34 8.4 20 8 10.3 8	13.8 10 8 12 12 12 12 12 12 12 12 12 12 12 12 12	15.5 20.8 336.0 32 20 13.1 15.1 16.2 16 15 56 49.9 116.2 133 56	56.4 6.9 22 14 76.0 64.5 97 43 8.1 22.6 15 8 78.0 81.7 163 15	13.0 22.0 16 15 13.0 22.0 29 9 7.0 50.5 28 89	15.0 6.8 37.0 18 25 1.8 25 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17.0 80.7 35 7 11.0 80.0 13.0 4 8 8 10.0 6.0 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	82.2 7.8 21.0 27.14 14. 2.7 14	27.0 — — — — 114.8 12.0 68 6 119.0 — 152 81 8.9 — 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3.4 2.7 3.4 3.4 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	25.0	34.5	20.0 26.3 40 33 70.6 70.7 96 143	2
12.0 6 17 26 17	4.6 57.1 7.2 38. 31.2 28. 31.2 39. 31.2	8.4 11.0 14.17.10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	1.1 16.7 10 9 8.0 10 9 125.7 26 115 685.0 461.8 342 171	132.6 200.7 229 87 82.0 10.0 2.0 2.0 87 82.0 10.0 2.0 87 82.0 10.0 88.0 87 82.0 10.0 88.0 87 82.0 10.0 87 82.0 87 82.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	59.9 40.2 33 34 8.4 20 8 10.3 8	13.8 10 8 12 12 12 12 12 12 12 12 12 12 12 12 12	15.5 20.8 336.0 32 20 13.1 15.1 16.2 16 15 56 49.9 116.2 133 56	56.4 6.9 22 14 76.0 64.5 97 43 8.1 22.6 15 8 78.0 81.7 163 15	13.0 22.0 16 15 13.0 22.0 29 9 7.0 50.5 28 89	15.0 6.8 37.0 18 25 1.8 25 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17.0 80.7 35 7 11.0 80.0 13.0 4 8 8 10.0 6.0 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	82.2 7.8 21.0 27.14 14. 2.7 14	27.0 — — — — 114.8 12.0 68 6 119.0 — 152 81 8.9 — 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3.4 2.7 3.4 3.4 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	25.0	34.5	20.0 26.3 40 33 70.6 70.7 96 143	2
75 195.0 15.0 6 75 195.0 75 195.0 75 22.1 75 22.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.	76 22.94 0.94 1.72 38 175 58.95 175	75 60.0 24.0 11.6 41.0 - 8 4 75 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15.	75 813 1.1 16.7 10 9 12.2 25.2 12.2 25 12.2 25 12.2 12.2 12.	15 86.6 3.5 4 4 4 15 156.0 10.0 6 8 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	59.9 40.2 33 34 8.4 20 8 10.3 8	13.8 10 8 12 12 12 12 12 12 12 12 12 12 12 12 12	15.5 20.8 336.0 32 20 13.1 15.1 16.2 16 15 56 49.9 116.2 133 56	56.4 6.9 22 14 76.0 64.5 97 43 8.1 22.6 15 8 78.0 81.7 163 15	2.0 13.0 22.0 15 15 15 54.4 15 15 15 15 15 15 15 15 15 15 15 15 15	15.0 6.8 37.0 18 25 6.8 4 6.8 14 6.8 14 18 15 1 16.1 27 4	21.1 22 21.1 5.0 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2. 12. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	27.0 — — — — 114.8 12.0 68 6 119.0 — 152 81 8.9 — 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3.4 2.7 3.4 3.4 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	25.0	34.5	26.3 40 33 70.7 96 143	2
75 195.0 15.0 6 75 195.0 75 195.0 75 22.1 75 22.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.	76 22.94 0.94 1.72 38 175 58.95 175	75 60.0 24.0 11.6 41.0 - 8 4 75 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15.	75 813 1.1 16.7 10 9 12.5 22.0 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	15 86.6 3.5 4 4 4 15 156.0 10.0 6 8 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	1875 5.6 9.8 40.2 33 34 1876 98.5 8.4 20 8 1875 20.5 10.3	1875 57.0 4.9 10 8 1875 148.4 13.8 15 12 15 12 1876 42.0 2.7 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	875 125.9 15.0 20.9 336.0 15.1 16.15 18.1 16.15 18.1 16.15 18.1 18.1 16.1 16.1 16.1 18.1 18.1 18.1	875 67.0 56.4 6.9 — 22 14 875 144.0 8.6 14.7 — 22 14 875 123.8 122.6 — 15 8 875 93.1 8.1 22.6 — 15 8 875 314.0 278.0 81.7 — 168 15	1575 76.0 13.0 22.0 16 15 15 15 15 15 15 15 15 15 15 15 15 15	8875 66.3 15.0 6.8 6.8 18.25 1	875 846 17.0 80.7 3.4 875 82.2 11.0 80.7 13.4 4 2.2 21.8 875 87.8 87.8 87.8 87.8 87.8 87.8 87.	876 45.0 6.0 2 2 2 876 124.6 82.2 7.8 2 1.0 2 2 1.0 876 142.0 2 1.0 2 2 1.0 875 8876 8876 88.0 16.3 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	875 27.0	875 88.0 8.0 9 12 875 94.0 7.0 9 12 875 66.0 8.4 84 875 18	25.0	1875 90.6 97.15.9 12 10 1875 90.6 34.5 15.9 12 10 1875 11 2 34.5	1875 240 0 20 26.3 40 33 1875 414 70.6 707 96 143 1875 16.6	2
75 100.0 15.0 6 175 195.0 75 125.0 75 22.1 75 22.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.	4.6 57.1 7.2 38. 31.2 28. 31.2 39. 31.2	75 60.0 24.0 11.6 41.0 - 8 4 75 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15.	75 813 1.1 16.7 10 9 12.5 22.0 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	15 86.6 3.5 4 4 4 15 156.0 10.0 6 8 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	1875 5.6 9.8 40.2 33 34 1876 98.5 8.4 20 8 1875 20.5 10.3	1875 57.0 4.9 10 8 1875 148.4 13.8 15 12 15 12 1876 42.0 2.7 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	875 125.9 15.0 20.9 336.0 15.1 16.15 18.1 16.15 18.1 16.15 18.1 18.1 16.1 16.1 16.1 18.1 18.1 18.1	875 67.0 56.4 6.9 — 22 14 875 144.0 8.6 14.7 — 22 14 875 123.8 122.6 — 15 8 875 93.1 8.1 22.6 — 15 8 875 314.0 278.0 81.7 — 168 15	1575 76.0 13.0 22.0 16 15 15 15 15 15 15 15 15 15 15 15 15 15	8875 66.3 15.0 6.8 6.8 18.25 1	17.0 80.7 35 7 11.0 80.0 13.0 4 8 8 10.0 6.0 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	876 45.0 6.0 2 2 2 876 124.6 82.2 7.8 2 1.0 2 2 1.0 876 142.0 2 1.0 2 2 1.0 875 8876 8876 88.0 16.3 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	875 27.0	875 88.0 8.0 9 12 875 94.0 7.0 9 12 875 66.0 8.4 84 875 18	25.0	31, 1875 142.9 10.1 15.0 12.10 30, 1875 80.0 34.5 15.0 12.10 34.5 15.0 12.10 12.10 13.10 1	20.0 26.3 40 33 70.6 70.7 96 143	2

AAILROAD SHARE LIST, incruding Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

Market. Land Grant Railroad " Railroad " Railroad " Railroad are printed in " Haice." State-aid Railroads are distinguished by a "5." Par. | 1,20,50,00 | 114,120 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,00 | 110,0 6.239.943 | 7.477.746 2.408.90 | 603.074 | 226.701 | 603.074 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226.702 | 226 Net Earnings. Gross. 1,954,151 556,480 563,568 85,568 129,482 109,778 210,343 2,616,424 tractors.) 842,471 251,064 169,307 387,306 284,686 62,966 1 Freight. Operations. 53,840 1,648,541 288,762 748,731 (Operat ed by Con 739,842, 233,801 123,203 ay 7, 187 3.) M. (M. 942.5 12.607 417 81.5 491,286 278.6 270,080 85.4 179.0 1,334,035 265.0 1,516,223 117.0 236,277 454.0 1,131,152 212 690 211,876 281,160 281,160 137,962 61,738 428,236 1,533,757 210,265 68,920 6,201,504 28,960 1,348,453 45,968 159,275 751,365 106,931 185.0 1,057,804 Railroad Operated. 5,269,804 1,107.7 45.0 75.0 75.0 127 8 508.0 In foreclos ure M 52.5 1,291,684 — — 768,983 — yDomin ion Gov.) 59,719 544,361 326,405 146,272 504,858 130,526 564,337 918,218 6,967 283,987 54,271,814 1,421,642-3,377,000 5,046,000 1,000,000 100,000 24,360 223,153 156,645 ,461,301 978,026 133,945 400,119 (Sold in 575,366 376,315 1,334,068 Liabilities. Abstract of General Balance Sheet. 386,000 800,000 840,000 Bonds 375,846 Stocks. 2,037,9 750,0 62,074 2,000,0 118,498, 1,515. 6,772,054 1,169,464 29,000 650,445 1,40 141,327 108,303 770,402 14,696 232,176 Accounts and Cash. 764,410 1,024 898 295,054 83,535 283,987 898,786 590,946 106,579 491.357 21,383,225 1,051,852 824,863 31,240 357,580 1,578,539 98,198 88,139 8,844,252 1 195,410 1 137,132 348,520 153,435 17,283 106,7691 1,405,004 78,000 404,554 111,971 634,235 Assets. Property and Assets. | 461 266 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | 262 | \$52,000 Rolling Stock. 1,362,524 85,165 12,741 2,462,958 | 11 | 1451,921 | 11 | 1451,921 | 1451,921 | 15 | 1471,101 | 1451,921 | 15 | 1471,101 | 1451,023 | 15 | 1471,101 | 1451,023 | 15 | 1471,101 | 1451,023 | 15 | 1471,101 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,023 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,033 | 1471,03 Rolling Stock. Freight. Carra, B. M. E. 116: 055767 : 5244 | 18 | | | 148 | 885 | 1 | 180 Railroad in progress, M 58.9 41.6 92.3 128.0 494.5 67.1 78.8 449.7 19.9 28.0 25.8 Basiroad. 0 m 00 3 131.9 V Bept 30, 1876, 75.

Dec. 31, 1875, 1440

Aug. 31, 1875, 1440

Aug. 31, 1875, 1440

Bept 30, 1876, 153, 1644

Bept 30, 1876, 153, 1644

Bept 30, 1876, 1876

Dec. 31, 1876, 1876

Dec. 31, 1876, 1876

Dec. 31, 1876, 1876

Jun. 30, 1876

Jun. 3 Brauch Line Years ending.

38888	2000	2000	000	00	000		000	000			8	100							55 - 13 50		87			11		-		112
	808	11-	111	11	999	11	1 2	111	11	8	999	999	1000	1 1		388	999	111	588	1000	200	188	888 811	333	88	112	888	8888
86,798 42,000 82,000	11,926 059,548 783,633 68,316	39,950	6,233 43,503 41,501	35,452	67,960	12,087	89,009	4,958	5,000	36,000	687	19,667 101,94	7,977	1,836	1,333	0,910	9,457	8,416	8,415	5,330	2,328 1	707	17,086	210	36	8832	792	125
737 E	673 6461, 4962,	133	840	2	90 1,9	1 86	119 176 146	115 3	204	27	2008	23 10	12	388	130	16 16 16 18	267	2000	355 2-7	25	8	E S	200	6 14	40	100	222	1,872
173	89, 8,178, 6,046, 1,352,	245	828,	1,212,	4,961,	116,	1,786,0 1,83,6	1,662,0	18,1	1,063.2	83,6 5.781.9	284,3	90,2	104,7	160,2	677,8	177,8 596,8 1.914.3	18,18	6,840,3 84,2 618,39	631,78	601,36	188,33	174,92	356,46 39,92	169,27	515,81 151,97	92,40 754,66	916,88 509,22 592,59
187,189	2,752,485 6,395,665 497,493	tractore.) 6, 1875.)		258,777	9,657		35,:10 374,105 81,838	87,882	638,970		1.641.280	131,674	24,328	61,866	106,000	247,000		[2 mos.	\$5,375 232,643	650,500			4,925	815,673	40,263	82,095	60,697	844,509 827,832 285,042
63,761	18,410 672,031 1,068,664 872,629	ed by Corr ecember 1		467,652	12,529		672,272 143,401	684,469	81,083		881.489	108,827	25,061	21,499	29,000	9,098	44,247		29,674	188,997			42,417	35,758	\$33,163 410,928	406,046	86,932	1,736,798 4,034,239 205,039
386,374	770,422 829,819 184,718	Operations, D	2,021,485	1,057,791	23,788		16,896 39,980 79,530	34,219	302,590	00000	016,615	75,560		\$8,036 83,042	9,807	90,178	2,200		64,414	0.728	. 1968		8.912	0,000	1,561	1,490	5,185	.,062
22.1 22.1 28.6	15.0 137.5 1, 242.1 1,	125.0 (Callr of 28.2	162.02,	288.0	920.7 3,5	79.0	22.2 867.0 1,2 26.1	44.0 12.4 2,2 03.5	00 00	0.06	31.0 22.5 87.0 5.0	68.5 22.0 84.0	22.0	12.5	0000	81.0 80.0	84.0 79.0 28.6	10.0	20.2	22.8	11.6	0.4	8.3	6.3 57	6.5	25.0	3.0	5.3 5.0
44,880	8,237,378	River		1,212,027	,668,380	100,011	456,734 8				1.639.765 8	635,798	2,125	28,855			179,547 1	78,086	34,275	12 15 16 34 34	982,499		74,928	1 1 2	3,619	09,620	85,124	89,475 18 82,582 14
13,790		its & Red	185,404	0 = 1	2,459,015 2	11	101,611 — ,138,964 38.630	27,104	76,805 12,176	531,816		107,735	98,998	0,578	2,645	2,127	6,866	5,099 9,709 0,540	0,286	1.644	75,021	928,833	102	463	1465	008	434	960 1,8
98,500	19,793 19,793 19,000 19,000	00,000 nuach its	1,000,00		1,187,000 1		C.	1,600,000 427,11,307,811 7,511,7	.00	. 1		-	750,000	000,	,000 1	,000 ,000 ,50 744 52	,000 ,750 10 272 278	000,000	947	000 000 000 000		800	758	000,000	5000	2000	615 2,092 000 329 1,406	1118
000,000	100 860 860 15,61 900 22,1:	000 2,20 MI: 8., O	000 2.00 000 1,58 133 2.50	127 4,25	526 1,18 219 16,55	541 000 2,55	800 800 6,67 000	151 1,60	600 5,45 000 8	000 400,000 725 4,107,142	12a tion.) 310 204 13.235.000	000 88 116 126 1100	75 750	900 820 800 188	000 2,000	6,947	83 711 17 855 00 13,797	86 31 00 1,800 50 1,810	87 860 00 200	00 07 2,408 00 6,812	388	200	001 01	96,000	2002	6,820 6,820 7,820 7,00	1,411	000000000000000000000000000000000000000
2 125 5 450 6 450 6 450 6 450	10,248 27,04: 27,04:	2,200)r. and 2,646	8,300,	8,000	9,003,	1,971,	387, 9 3,602,	6 14,090,	0 2,306,	400,	273,	884,	823,8	12000	1,600,0	300.0	2,022,5 5,320,6	197,8 200,0 1,149,3	15,000,0 494,1 800,0	826,0 1,511,8 6,848,9	1,300,0	977,6	1,678,5	833,54	1,187,40	1,423,7 5,000,00 1,520,00	12,158,66 2,245,20 9,060,00	1,500,00 20,000,00 16,600,00 6,800,62
47,62	1	Z		481,322	434,856		256,096	12	278,080		00 0	20,864	9,846	35,05		295,069	95,066 77,784	50.399		1,704				004 600	24,923		502,540	240,418
10,925	1 0-4 -	1 -		1,892,561	6,328,149		1,071,833	8 376,152	88,452	409,860	reported	42,073	478,200	41,634		1,031,366	294,871 29,652 8,101,045		2,634,436	452.339					736,617	75,000	2,769,468	1,681,619
\$ 604.36	* * 80.333	of L. R	••	••	13,200	*	,658,540	*	,092,184		re never	\$84,363		101,300		886,974	355,249		128,609		•	1		11.	216,208	108,543		20,000
7,365,396 804,622 1,100,500	675,100 13,232,333 21,846,166 4,646,315	4,400,000 (Consol. 1,416,188	8,500,000 6,188,029 6,002,440	8,628,411	2,688,553 23,908,820 332,883	6,050,000	9,973,194	3,211,255 3,605,984	89,211	800,000 8,770,952	760,807 7.663,325	3,628,640	828,875 5,302,737	1,029, 975 281,152	2,956,654	3,235,715	1,715,621 3,201,49£ 3,126,865	867,050 2,000,000	914,872	,779,441 ,490,648 ,387,296	376,054	,605,833 ,841,502	,828,270 ,001,440 259,444	985,769	187,673	820,000	588,667 986,426 181,314	25,273 20,373 20,573 20,573 20,573 20,573
M. K.	Pa C	Ark. Pa.	No. Y	Ky.	enn.	9.69	enn.	fich.	fich.	Del. Ala.	N.J.	gan.	Wis.	gan.	enp.	Lex. 9.	ma. Kv	H C	868. 888.	Ala Li	Pa.	500	Br. 8	Pa.	ey.	8 6 V.	2 × ×	유 명 및 구 명 명 구
44 Lake Superior and Mississippi M. Lawrence (P. F. W. & C.) Pa. & O. Lawrence (P. F. W. & C.) Pa. & D. Lenywooth, Archison & Whw. (Pac.).	Pa C	3.8	W. W.	ngton.	y. & 7		H. &	Mans'fd, O'd Water & L.M.(Pu.)O.&N Marietta and Oincinnati (B. & O.)O Marietta Pittahure and Claveland		Car M. &	Arka	Mich Car	R.)	& IIII	8. & T	f. Kar	Alab	2 6	Morris and Essea (D. L.&W.)N. Jeres 90 Nashua, Acton & B. (Conc.). N.H.&Ma 7 278 Nashua and Lowell (B.& L.)N.H.& Ma	TAL	nnecti	LAN.	ZZO	7.40.	W Jerr	w Jere w Jere 1. de M	R N	New York and Long BranchN. J. 1. New York and New EnglandW. Con S. W. Y., N. H. & HartfordY. C. & Ma. New York and Oswesco Midland.
selpp Nthw.	(C) ente	k Tex	lle &	Lexh	A.L.	acon and Brunswick f	N.C.	A. CPu	agon.	F RE	emphis and Little Rock¶Arg ercer & Somerset (Pa.) ichican Central	((P. &	onein	f. Misselfa.	Se Gu		Lake	W.)	& N.)	S B	rle). e(8.N	da	Ft. V	Con.	Con No	O.A.H	de la K
Miss on & C.	banna	Smit Ippi & R	rdsvi	ti and	St. L	SK T	CCO	& L.1	Onlon	C. C.	Rock (Pa.)	re (P	Bud	Wisc	Nebr	d Tex	nery	(G.)	Con (Con B.&	E N	y (P	T'E'E	Cans	Val.(I	You	(C. V	NA DE	Shela ord L
F. W.	ickay isque	isels:	rawf	elnna Alba	b. &c.	gueta	auffal Lawr	Vater	h. c	alley arke	Little erset	higan Lake Shore (land land Pacific	Min	8	Ten	Ft.	ntgo	B. 8	es Ch	tur fi	Valle	W Y	B., O.	Frank	Nor	ther	Ten C	N N N
perion e (P.	nd E	ck, M	nd o	S, Cin	N. Al	d Au	and F	and C	How	and Pri Ch	Son	Lake	k and	oint.	lowa	Kane River Ala	Okr.	and E	Eton d Lo	Roca Deca	Suing	od Ne	ord (Jewici	and and	n and	y Bor	and H	and a
e Suj	igh a gh a gh V	e Roce	g Isk	eville ev.	8V.,	on an	le Ce	etta	ha's	awip phis	phis er &	igan and	Oree	ral R	selpi ouri,	le &	le an	cluir g'v a	le and ua, A	V. &	ntuc	44	Brun	astle	Have	Jerse	St.	ew York ew York Y. N. H
Lear	1255	Litt	Lon	Log	Log	Mac	Metro Man	Mari	Mar	Mas. Men	Mer	Mich	WW.	Mine	Miss	Miese Mobi	Mobil Mobil	Mont	Morr Nash Nash	Nash	Nesd	New	New	New	New	NN'S	NA C	0 K 6 K
00 1 04	920	:1	24 24	44	63	170	1,469	1,609	1,721	741	127	8118	12	232	186	856	283	198	900	181	287	=	189	128	88	25138	1,797	188
0 4	1 00	G1 :	0 20 1	27 14 16 10	46	14	32	100	4	1 9	8 8		1	SIMO	401	9		1	1	-		60	12	110	1=1	000	3 04	7766
2 8		t-	26 61	38	184 59	12 1	12,	155.0	30,00	-	1 1			9004	100	820	82 82 83 83 83 83		196	88 26		10	100	004	18:	822	24	182
- 1 1	21.0	200.0	165.0		153.6	11	111	İII	III	111	1 24	1 89.0		87.6	215.0	111	144.0	111	111	111		11	111	111	11	111	341	1888
0.000	164.7			28.3		6.9	49.0	9.4	4.00	000	0.00	0.00	16.4			10.2	6.5 14	0.00	2.5	0.00	8.05	122	6.00	1.00	99:	185	10.8	:523
180	32.5 181.4 52.0	111	04.0	83.7	419.9	10.0	18.0	80.0	25.4	19.0	111	22.5	6.0		1	-	56.6	111	34.0 14	12.6	99	101	221	111	21	-51		222
18.0 18.0 21.3	16.0 106.0 101.0 185.0 185.0	125.0	8.50	8.0	5.0 41		NOM	19000	- 20 0		0.00					60.0			20.25 20.24 14.6		0.04	200	2.00	0,000	161	10.3	D 100 100	8 58.2 0 18.2 0 12.0
75 15 15 15 15 15 15 15 15 15 15 15 15 15	875 10 875 10 875 10 875 8	25 25 25 25 25 25 25 25 25 25 25 25 25 2	100	75 10 75 28	25 25 25 25 25 25 25 25 25 25 25 25 25 2	18 18 7	222 2328	55 196.	90	238	20 20 20	16 106.5 15 84.0	16.0	21.28	6 100.0	5 161.0 5 60.0	5 179	2019	282	6 122.3 6 321.0	6 16.5	13	3 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	28 28	200	38	180	82.0
AT MEDICAL DED COLD	Dec. 31, 18	888	888	188	188	188	2000	888	188	188	818	81 187 81,187	8 80	2000	80 80	31, 187 31, 187	81 187 .0 187 81 187	18	Per. 31, 187 Pept. 30, 187 Bent. 30, 187	181	187	187	878	187	80 80	80 80	887	2000

Land 29 couring. "the column headed "Rolling Stock" signifies that the cost thereof is included, in that headed "Rallroads are distinguished by a "f." and running dot (....) signify "not ascertained." State-aid Rallroads are distinguished by a "f." RAILROAD BHARE LIST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.

Value of Shares. 3 8 8 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | | mam | gr | roo | | m | w | F Dividends. 3,278,396 238,920 157,860 27,000 2,635 Earnings. 1,887,220 35 p. c. 1,518,247 Gross R. Co.) 1.496,135 294,075 174,181 362,068 (Inclu ded in Atl antic & P. 28,761 129,097 16,690 Freight Operations. 1,067,494 249,606 267,722 Number. 62,400 7,790,534 112.4 1,558,348 76,850 M. 45.2 14,348 723 12,077,839 b03,000 21,005 ----822,795 867,152 1,504,306 368,217 167,624 70,205 734,596 1,939,317 716,824 241,641 48,774 Surplus Income. 1,373,775 92,611 57,184,111 8,074,150 198,093 726,612 Accounts Liabilities. Abstract of General Balance Sheet. Bonds, Stocks 2,484,633 409,305 11, 24,197 33,901 24,190 0,000.) 24,197 33,901 25,940,076 3,690 4,25,988 875,699 177,361 187,216 73,000 111,191 16,748,920 94,179,537 6,705,740 1,085,382 4,825,725 368,262 500.793 ,787,572 45,063,527 4,375,016 407,617 824,263 150,000 241,051 400,000 1,992,725 1,517,47 Property and Assets. ,434,346 149,711 1,533,540 64,300 11,247 Rolling Stock. | 18 | 12 | 226 | North-Carolina # (R. & D.). | X | 1,000,000 |
| 14 | 15 | 16 | Northeastern # | 1.46 | 1.46 | Northeastern # | 1.46 | 1.46 | Northeastern # | 1.46 | Northeastern # | 1.46 | Northeastern # | 1.46 | Northeast & Bouthwest Alabams # | 1.46 | Northeast & Bouthwest Alabams # | 1.46 | Northean Revail # | 1.46 | Northern New Hempellin | 1.46 | 1.46 | Northern New Hempellin | 1.46 | Northean Nag. F. & Canandalgua (N. Y. C.). N.Y. North Carolina f (R. & D.). N.C. Northeastern f. S. C. 24 191,667 F 3185 5507 867 F 2 19 6 270 F 6 8 1021 9 2977 50 11370 72 105 67 1,839 Rolling Stock. Freight. Oara, B. M. E. 883 396 148 24 45 278 32 150.0 59 120 4.8 162.0 Railroad. Brartoh Line, Main Line

AAMHUOL HAOHHIAN KAUMMMA 8081

	1.8 W	-			1000		-150		10.00		725		-						And .	1881		=
22222122222	-		0000		1111	200							123		8			11	957 257	ing 1	101	
1 1 2 1 1 2 1 1 1 2 1	3222		200		1111	222	222	:99	200	2222	900	999	383	3555	833	553	888	818	388	8888	388	35
252448 2525 2525 2525 2525 2525 2525 252	88428	388	: 22 :	1 2 2 1 1 2 2 1	2007	1226	986	4 5	0808	7797	21.	582	2002	1 00	3 4	1000	440	4 1	60	000	100	0000
22, 22, 251, 251, 251, 251, 251, 251, 25	201,6	583,2 18,6	31,5 185,8	9,55,0 175,9 9,8	202,5	181,1	205,2 205,2 ef.5,5	27.72	87,0 87,0	478 171 188 101	161,1	268	18,9 246,5 12,0	122 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	871,71 506,98 114,16	8,67 211,17	260,83 73,43 86,07	47,64	1,08	39,41 39,83	14,40	30,28
250 298 371 371 371 371 371 371 371 371 371 371	583	837	309	1118	2020	799 205 205	037 022 222 d	575	163	284	198	126	292	118	80 2 80	888	72 28 12 12 12	92	827	126	18	33
897 897 897 1,187 1,187 1,187 1,180 1,150 1,150 1,150	3,802	2,643,	102,	0,000,01	269,00	95 563, 113,	410,	83,	317,	837, 837, 610,	181,	87,8	19, 848, 122,	116,0	183,3	211,6	982	16,3	182,4	62,6 503,3 493,1	117,4	28,12
6633 6633 6633 6633 6633 6633	9860	1::	. 4	82238	1:::		:87	132	: 27	08 8 8	. 68	. : : : :	52	::99	25.8	:88	9: 10	63	823	828	1	1 : 53
221 258, 258, 876, 45, 45, 45, 362,	585,865		900	17.65,			912,	264,0	100,38	252, 36, 41, 358,	145,	54,59	576,2	624,0	897,45 187,16	459,9	104.3	224,3	494	80.25		42,3
	130			3903	1:::		:	10.40		2240	: :		100				7		- CALL 18	18,6		
136,6 251,8 185,23,8 140,4 14,84	612,069		67,83	27,57 02,48 62,53 27,20			82,18	17,95	16,09	26,00 26,00	62,170	85,692	22,852	7,87	8,67 9,03 6,57	986 6	90.00	6,293	9,831	6,847		12,000
Pari e	000		લ્ય	77						Hook			13	H.	220		8018	7	883	222		-1-
188,341 1,300 1,300 928,797 724,152 80,145		187,330	934,954	29,650 29,650 29,650	89,718		920	,321	884	154	808	99,158	13,960	986	139	88	887	210	105	135	H	000
120 120 8		2,18	88	28.52	88		158	46	194,88	824	402	8	13	500	828	916	366	109	95,	208		34,120
25.2.68.0 87.0 88.8 88.8 24.1 270.2 178.0 88.4 49.0 22.0 22.0 268.0	884.8	85.0	41.5 159.5 143.5	207.0 76.0 121.3	116.3	80.0 43.0	287.6 28.6 79.0	32.3	167.9 148.4	243.0 11.6 13.0 116.0	23.0 167.5 238.4	305.6	20.5	35.0 81.0	114.0 823.0 80.6	237.4	195.0	66.3	74.0	98.0	11	22.6
48,379 30,214 74,873	3,545	111	Ш	IIII	9:11	1:1	III	111	TT	536	1 660	2.607	1887	101	308	П	Ш	11	11:	1181	190	III
48,97 630,21 74,8;	13									142,	133,09	100	4	63,10	195,					184,3	87,8	
29,757 4,222 20,000 3,482 35,761 3,761 3,761 0,000	637	188	:53	8978	1 : : :	1:10	:::	848	14	0 000	1:13	7 :51	1:1	3 . 28	388	: 12:	#288	3:08	58:	1:2:0	: 133	:8:8
204,222 204,222 104,385 1,320,000 1,15,163 63,108 63,108 13,761 13,761 230,467	1,206,637	,908,388	214,931	120,460 318,566 288,761 86,493		497,		363,	21,014	24,500 367,829		328,39		30,00	885,2	095,1	427,1 828,7 828,7	823,9	5,5	52,3	39,02	97.6
686 686 645 646 646 646 646 646 646 646 646 64	9988	3888	8888	000 000	200 00	9000	3000	318	888	776	0000	388	188	183	888	888	38 28 8	128	1823	88818	18	818
3,592 8,888 8,888 6,000 9,000 1,000 7,000	850 9,500 672	800	0.00	1,120, 3,692, 578,	226,2306,2306,27	862,088 0,0,0,0	994,	800,	,676,	921 275, 650, 133,	981 346,	423,	800,	236,	25,00	500	322,0	168,6	411,	1000	900,000	3,165,99
000 000 000 000 000 000 000 000 000 00	000000000000000000000000000000000000000	3888	0880	000000	9999	2000	00000	0000	200	99999	220	1848	888	8888	3888	888	0808	5 E	3888	3	88	1000
1,000, 1,008, 1,008, 1,147, 1,000, 1,000,	677,	200 200 200 200 200 200 200 200 200 200	98.00	283,516 283,516	248 25,08 27,08 20,00	200, 365, 058,	869,4	200	800	819 800,0	800,0 825,0 412,2	211,6 211,6 815,4	300,0 907,6 500,0	0.440 0.440	988,1 600,0	0000	0000 0000 0000 0000	0,908	2000	000	000	16,10 167,5 162,8
15 : 608 : 138 : : : : : : : : : : : : : : : : : : :	1883	17.24	, :9 :	3.00	1:::		:	:::	1 88	8 8	8:1	1:881	05	- 01	- fr	. I .	1,16		- w	1 - 3 - 2 - 4 - 4 -	100.00	.00
317,18 88,196 88,441 12,265 230,629	40,838	793,0	24£,4	191,23					81,698	329,6 15,0	10,884,98	56,928			400,4		50,08	000		72,08		4,85
8,366 3,966 4,021	1215	188	1181	1181	1:11	1:1	18		1 020	9000	178	1188	181	- : : :	.10		15 4,8		: : : : : : : : : : : : : : : : : : : :	2 8	1 22	:00
132,606 132,606 336,003 143,966 4,021	4,880,215	3,973,926	2,000	300,498			,655,000		125,620	182,846 125,000 116,309	691,878	79,800	3,000,000		986		1,051,482		4,99	8 8 8	6,08	10,04
08	1 424	1001		11 1	# : ! !	1:1	1 64	::		828	1 :	1 88 1	100	111	-F	11:	12	1:1	201	1 64	: "	<u>:</u>
* 05* * * * * * * * * *	**	**		• • • • 89	21 * * *	• • •	. 000	* *	• •	925,205 89,427 477,000	940,544	63,828			***	*	***		***	1865	191	
614 6884 6840 6860 6860 6860 6860 6860 686	98830	3400	000	9993 8993 8993	9879	152	705 450	872	296	720 188 188 188	958	2290	46700	888	200	888	2888	128	2823	85289	888	988
5,860 1,102 1,250 1,248 1,248 1,488 1,488 1,468 1,468	1.4.0.1. 0.00.1. 0.00.0.1.	8,134, 2,550,	9,8,8	0,0,0,4	388, 1779, 288,	,160, ,058,	863, 863,	264, 264,	896 336 26	25 8 8 8 2 8 8 8	183 183 183	262, 362,	808, 988, 900,	181,0	081.3 319.2	90	986,8	462 003 0	254.0	263,8 263,8 135,0	288,8	221.02 27.05 27.05 26.05
e e e e e e e e e e e e e e e e e e e	M. I.k.	100°		8888	\$0.85	9 9 9	ng d	9 1	d di	4 4 4 4	19. 19. 19. 19. 19. 19. 19. 19. 19. 19.	9 6 8 8		8 8×1	4 4 4 4	0.50		101.0	4 4 4	ida ida ida ida ida ida ida ida ida ida	کان کان ک کلم کلم کے	मी को भी से बे
N. N	E Te	A	N. S	REER	M (O)	aban	C.).	ိုင်ငံ	N. N.	N N	neso	A Was	Ivan Ivan	lers.	Texa	h.de	de I	No	Yor	No. N	4	O
10 603 Richmond and Darville TVirg T. Pick Richmond and Petersburg "	K.	west.	ock.	N P	300	A.A	Ga.		la	South and North Ass. Carrier Carrier 13 South Garolina 1 South Garolina 6 South Carolina 6 South Carolina 7 South Carolina 6	Out	Southwest Fenesiyana. 20 Springfield, Atholand Northeastern-Ma- Stock bridge and Pittefield (F.).	onsy	E.W.	erre Haute and IndianapolisI. exas and Pacific I.	X.	75 Toledo, Wabash and Western (Ta.). 75 Toledo, Wabash and Western O. I. & Bl. Toledo, Wapa and Bruce (narrow)	Kak	Universe and Clearlield (Fa.). Ulster and Celaware. Union Pacyfe. Nebr. Wy. &	- United Companies of New Jersey, N. J. Union (Canton Co.). 6d Uttea and Black River		A
nn (Shess		orth	He B	Div.)	345 645 75	a. &	tevil		Z.	Bou		The state of	Pe enn.	(DL	olie	Do	narr (narr		, A	9	0.7	
Hille grand grand Frin Frin Pen O nd o nd o St. 1	apid d So n n	N N	LE	Bra (Bra ity	Par	hls ce.V	Pot	eny			da.	of G No	L.).	Pol	ana	aren	Wes	Lon	Ne.	V	C. P	Wlok.
Dany Peter P	ar B ff. am astur & On	onv.	and and alla	cific cific	I CH	emp panol	Dal	llegh	acef		/lvar	ent.	and	d bu	Ind	ther of W	D D	eldC	are.	River Susq	age of	S E
Fred Hand I Not Street Vor V.)	Cod San Bar	neke eoku	lem ande	Page Blou	lans,	d Bo	and	d A	d P	rolina ¶ (L. L.) Central	nney	Atho	a day	o de	chi	Sou in a	y an	ton	Olean ela w	no no	Con	d B
and a sund a sund a sund a sund a sund a sund, and, the sund a su	Bere	Eans Fans Is, K	100 > 5	and and and Bti	nd I	dan	tome vin V	0.80	ty a	O C C	Pe Ni	ster sld,	Brand	Bir	d P	Peor	0.0	85	d d	e Bat	and and	2 2 2
thmo thmo thmo thmo thmo thmo the strong the strong threat the strong threat the strong threat threa	Loui Loui Loui	Louis H	Loui	Paul Paul Paul	duek Fra	anna boar	na, 6	pang	105 K	100 5	ther	chwe chwe ngfie kbri	y Br	er. G	H S	9,9	do,	and and	eres e	5 19:	nont	sbur bur
Rice Rice Root Root Receipt Root Root Root Root Root Root Root Ro	****	#		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	San	Cear	Seln	She	Sion	South South	Sou	Spri	Ston Sun Sun	Sues	Terr	100	Tore	Tro	100		Vera	Vick S
	2,756	1,904	159	316 51 55 40	8885	26.22	1427	24	100	108	252	20	10	2532	918	1994	451	310	130,5	1986	III	25.52
	182	19	1 00	0044	207	100	1		000	: c/ 149 149	000	000	1-1	00 040	1222	19	822	9	888	0000		04 09
8 8 4 8 LE 3 4 4 6 2 5 1 8 1 9 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1	52 42	91 39	1 2 1	2400	2004c	-	11 9	0 00 00	899	414 210r	1 4 0	84	111	-45 -45	200	12	122 7	81	187	1228	11	100
26.0 83.6 83.6 83.6 83.6 78.3 78.3 11.0 11.1		1.11	1110	1111	1111	313	1		113	4034	1 1 0	98 8	111	911	481	14	120	27	164	1882	11	19-1
8.64 8.62 8.62 1.63 1.63 1.63 1.63 1.63 1.63 1.63 1.63	12.7	50.70 10.00	1 000		0000	2 236.9	300	5.4 67.0	26.0	00000	751.0	13.6	111	88.0	100	046	1 9	51 54	18	9210	000	202.5
100	10.		4 8 8 8	12,373,353	9.50	10.1	15.	*0.	15.0	1 1 1 1 1 1		2200	9.00	901	18.00	1000	1134	13	181.7		_	345
1 2 2 1 1 1 -		87.5		1113	111	111	11			4.0	61.0	162.6	100	110	34.0	10.2	154.0		11	1 8	26.5	1
140.5 22.5 82.0 88.3 88.3 24.1 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	548.8 600.5 307.0 42.0	266.6 85.0	41.6 159.5 143.5	207.0 76.0 121.3 17.5	16.9	80.0	27.0	38.0	122.4	128.0 11.6 11.6 11.6 11.6	21.0 167.5 359.0	25.6 25.6 25.0 25.0	18.2 20.0 43.5	22.0	80.0	0 27.4	80.80	86.9	17.08	1000	60.0	200
eept. 39, 1875, 18	1875 1875 1875 1875	1875 1875 1876	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5555	555	2885	1547	9276	01010	99999	555	2225	878	875	27.00	875	5856	333	555	2000		870
50000000000000000000000000000000000000	22,022	33,	3 2 2 3	88.28	38.2	8 8 8	85	32,8	38.5	Dec. 33, 15 Bept. 39, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	288	28.08.5	8 2	228	855	ES:	1282	88	28,6	May 31, 1872 Gent. 80, 1972 Sept. 30, 1877	18	,
22020202020202020202020202020202020202	Per De	Dec. Dec.	Le Det	200	Deep	PAG.	40	Sep Cal	619	E S D	TE ST	P P P	and the	200	Too b	18	200	66	# B. #	1985	185	984

- 5	8 7
	d'a
0	Cin
3) sig
8	ots C
2	p Sc
F	nin
en	d ru
E	and,
A	nii,
A	77 SO
63	niff
À	n Sign
00	unu.
5	00
ST, including Mileage, Rolling Stock, Debts, Income, Dividends, &c., &c.	gnifice that the cost thereof is included, in that headed "Railroad," A dash () across the column significe "hil," and running dash () signify "nor a Land Grant Railroads are printed in "Railroads are printed in "Railroads are distinguished by a "Y."
ts	ross
el	nish
A	Ling
4.9	ash
Se	A d
St	"Oud
20	oad.
n	tailr
	te-a
50	Sta
H	t he
e,	tha
60	u, in
16	ndec
	inch
50	f is re p
n	ds a
=	the
=	Rai
ne	the
-=	hat
E,	Lan
0	gnif
3	in a
4	tock
2	S Su
4	ollio
H	# H
SAILROAD SHARE LE	popu
3	hea
70	ump
R	coh
H	the
A	g in
2	urin
	Booci
	3
	ick
	200
	Street,

18.	100	Market.	ding in anyment ideologist stilli	Closing Prices for	tock	Exc	hang	e.	
Va	Sha	Par.	**************************************	Allegheny Val. 7 3-10s	Th.4.	F.b.	Sat. 6.	M.8.	Tu. 9.
27	I	Dividends.		76. Income	1074	***	40	****	****
8.8	18	Net	701.101.001.001.001.001.001.001.001.001.	Camden & Am. 6s, 1883 6s, 1889	****	****	****	****	****
1 86 80	=	123	2000 000 000 000 000 000 000 000 000 00	Mort. 6s, 1889 Camden and Atlantic	****	1114		****	****
Karnings	-		25.00 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Preferred 27	****	****	****	****	****
Ea	1	Gross.	646 616 616 616 616 616 616 616 616 616	2d mortgage	****	****	****	****	****
	1	= 0717	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Preferred	****	****	****	****	
1		1357 5	200 100	7s. new	****	30	1011	****	****
	-	Freight.	20,0 20,0 20,0 100,1 100,1 116,2 246,2 246,2 116,2 116,2 116,1 10,1 10	Del. & Bound Brook	****	****	1018	****	****
of.	13	23221	5 San	Eimira & Williamsport	****	****	****	****	****
Operations	53	Passen-	772,638 774,183 774,183 774,183 774,183 774,183 89,804 42,130 89,804 46,817	Preferred	****	****	****	****	••••
eral		gers.	72,638 72,638 874,188 803,248 803,248 65,443 69,804 20,646 145,023 145,678 342,130 46,917	Hunt. & B. Top Mt Preferred	****		****		
Op	3	1581	x	2d mortgage Lehigh Navigation	****	****	****	****	****
1 2	33	Trains	A	68, 1884	101	19	19	19	103
		Moved.	M M (65, 422, 422, 422, 422, 422, 422, 422, 42	Gold Loan 60 Railroad Loan	****	****	891	****	90
-	_		40 440 0 440 0 0 0 0 0 0 0 0 0 0 0 0	Conv. Gold Loan Lehigh Valley	39#	40	40	****	****
13		ailroad erated.	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6s, new, coupon			****	419	411
-				6s, new, registered	110	110	****	****	iiii
1	-	Surplus	25,449 97,729 220,690 12,173 12,173 644,698 654,169 69,104	Consol. mort. 6s 978 Little Schuylkill	****	40	98	98	****
		Income.	9 9 9	Minehill & Sch. Haven	****		****	****	****
	10,10		7758 7758	1st mortgage 6s	****	****	****	****	38 107
Н	es.	Accounts.	\$ 26,758 26,758 26,758 26,000 300,102 300,122 301,123 301,123 302,132 303,132	Gen'l mort. 7s, coup	****		****	****	****
	Liabilities.	- 3 4	· mim 1 00 01 mi 01 1 1 1 1 1 1 1 1	Gen'l Mort. 7s, reg Northern Central 15]	151	****	17	18	•••
leet	Lis	Bonds.	3.500 9.0000 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.0	t ennsylvania R. R 29 1st mortgage	29	29	314	314	80
8 9		AJOINGS.	2000 2000 2000 2000 2000 2000 2000 200	Gen'l mortgage 106	1084	****	****	****	* ***
Balance Sheet,			2000 2000	Gen'l mort, reg Consol, mort, 5s, reg	106	106	****	****	****
Bal	13	Stocks.	200.0000000000000000000000000000000000	Penn. & N.Y. Canal 7s Penn. State 6s. 2d series	****	103	1021	****	1091
ral				do. 3d series	116#	110	111	****	****
ene	3	Accounts	, 125, 125, 125, 125, 125, 125, 125, 125	Philadelphia City, 68	****	1051	1081	1084	108
J. G		and Cash.	64,08 406,138 89,75 66,356 66,366 66,366 66,366 112,27 110,000 1100,000 1100,000 1100,000 116,	6s, new	1131	1131	1131	1131	1134
Abstract of General	-			Debenture bonds		****	****		
etra	of	Assets.	48,593 43,043 43,043 43,043 8,011 101,834 8,011 101,834 83,380 94,063 10,011 10	7s, new convertible	••••	****	****	****	****
Ab	Assets.			Gen'l mortgage 7s103 Gen'l mortgage, reg103	****	103	****	103	****
		Dolling		Philadelphia and Krie. 9	****	****	10	91	
	Property and	Rolling Stock.	* * * * * * * * * * * * * * * * * * *	2d mortgage, 7s 97 Pittsb., Cin. & St. L. 7s. 71	****	714	93	****	984
	erts		- 1	Pittsb., Titusv. & Buff. 84	8)	114	714	711 8	72
	rop	Railroad.	000 000 000 000 000 000 000 000 000 00	Schuylkill Navigation	****	****	69	****	60
1	H	realiroad.	0000 0000 10000 0000 0000 0000 0000 00	Preferred 90	****	****	****	****	- 8
-		SEE SEE	— යුප්පතය කියන සෙන සෙන පුදු පුරුණු දෙනු පුරුණු දෙනු පුරුණු දෙනු පුරුණු දෙනු පුරුණු දෙනු පුරුණු දෙනු දෙනු පුරුණු	6s, 1882 6s, 1895	****	****	****	****	****
		FEER BO	and	United Co. of N. Jersey 124	124	124	1244	125	119
			New York of the Constant of th	Hestonville, (Horse) Chestnut & Wal. (do.). 56	53	57	594	624	****
		1.2.5	N. New York Structure of the Souther All (G. Souther All (G. Man)	Green and Coates (do.)	****	48	****	49	49
	5 2	0 CFE		Lombard & S'th, (do.) 2d and 3d streets (do.)	****		****	****	****
	17	mic		Spruce and Pine (do.)		****	****	****	****
0		Companies.	underee. a and A.) India, & Get. Sout Ordan. Ordan. Ordan. India, & Get. Sout Ordan. Indiantic a. Ges. a In	13th and 15th sts (do.)	****	****	****	****	****
		သိ	ralley (Erich. ralley (Erich. re (E. and A.). y. Va. Mid. & Get. (M. Mid. M. Mid. M	Baltimore Sto	ck i	Exch	ange		
			his and Truck River (B. an m. (D. L. and loggeton, Perey (A. M. Etch and Jorden to Alabar rm and Atlum rm North Oa mr View (Check) mr North Oa mr Union (M Moonin.) mr Union mr Unio	Closing Prices for W.3.			Bat.6.		Tu.9
			Virginia and The Waalkill Valley Waalkill Valley Waalkill Valley Van Waalkill Valley Van Waalkill Valley Van Waalkill Valley Van Waalkill Valley Waalkill Valley Waalkill Valley Waalkill Waalkil Waalkill Waalk	Es, 18801034	****	****	****	****	110
		1306-0	Virginia and Walkill Vargania River Washikill Vargania River Masch City, Washington Washington Washington Western and Western Marker Meetern Row Western Now Western Now Western Now Western Now Western Now Western Now Wilmington William William William Wallamington William Wil	6s, 1885	105	1051	****	****	
	N.		Walkin Walkin Washin Walkin Waliah Wa	Central Ohio	****	****	****	****	****
Ch.	-	Freight.	SANTAR TUDO CO	Marietta & Cincinnati	****	95	****	92	****
Rolling Stock	Cars.	B. M. E.	-8 41 4291 8811 881 448 624 62 63 64 64 64 64 64 64 64	1st mortgage, 7s 95 2d mortgage, 7s 3d mortgage, 8s	50	501		51	62
ing	0	Pass.	4	Northern Central	****	221	228	221	22
Roll	-	Engines.	8	2d mortgage, 6s 1885 3d mortgage, 6s, 1900	1004	****	****	****	****
	B	ailroad in	277 474 08882 0 823 8 8 1 8 2 8 8 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3d mortgage, 6s, 1900 6s, 1900, Gold 951 Orange and Alex. 1st	****	96	****	****	65
Proper	1	progress.	523 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	2d mortgage, 6s	****	****	69 ‡	****	****
-	20	Track and Sidings.		4th mortgage, 8s		****	****	****	****
Lallroad.	B	ranch Line,	-	Pittsb. & Connellay, 7a 1014	****	70 1014	***	****	****
Tre	-		- 1 5 8 8 8 10-1 8 8 8 1 1-1 1 1 1 1 1 1 1 1 1 1 1 1 1	Virginia 6s, Consol 58	59 84	594	59 84	584 831	58
	-	Main Line,	30000000000000000000000000000000000000	Deferred Certificates Western Maryland	****	****	****		6
77.	110		6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		****	****	****	****	****
5:	E S	ing	1811 1811 1811 1811 1811 1811 1811 181	2d M., do	****	****	****	****	****
0	ET.	Years	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1st M., unendorsed 2d M., end. Wash. Co			****	****	****
	1	BEAR S	* PP 2 PP	ad Mort., preferred	****	****	****	****	****
OF S	600	(数で記録を)	- MERMANDANGANANANANANANANANANANANANANANANANAN	City Passenger R. R	****	****	****	****	****

Admar Erpress 70.4 ms 20.4 ms	New York Stoc	k E	tcha	nge.		1	New York Sto		xche			-	2000
All and margings	Closing Prices for th	e week	endin	g Oct.	10.		Closing Prices for t	he wee	k endi	ing Oct	. 10.		10 8
As meriganger	AGRIES EXTROSS 071	98				99	New Jersey					10001	F
American Express. 25 50 50 50 50 50 50 50						109	North Missouri 1st M 100			****		100	U. S. U. B.
Adhardes Red. almp. Ta. 10	American Express 534				54	92	Ohio and Mississippi 81		161	0	94	81	U. S.
Soch Bath & Beel 144 145 156 166 1	Atlantic & Pacific Tel 20		****	****			2d mortgage		541	66	****	55	U. B.
Section Sect	Bost., Hart, & Erie lat.		****	****			Consol. Sinking fund. 93					944	U.B.
The consocialization Color	Uentral of N. Jersey 174			174	17		Pacific R. R. of Mo		21	21		****	U.B.
Junius Pacific of special pole 106, 106, 106, 106, 106, 106, 106, 106,	io, consumated asi						2d mortgage 974	****	97	97	****	97	U.S.
1	Central Pacine 6s, gold 1061					****	Canama		11.00		128	130	U.B.
Obtained Color C	INC M. (San Joaquin), 854	85#			85	85	1st mortgage	****	118		-		
Section Sect			****		****		8d mortgage					****	U. S.
Sinking Fands	Freierred 1044						Preferred 381	371		211		231	U.B.
Section Conservation Conservat	Binking Fund						St. L., Alton and T. H		4	5	5	****	.0
an Consol, 1905. Chile. & Milmand St. Paul. 391 409 474 414 404 505 17 referred. Chile. & Milmand St. Paul. 392 409 474 414 404 505 17 referred. To all an ontrigage, 7 s - 10s. 1 an ontrigage, 7 s - 10s. 1 an ontrigage, 1 s - 10s. 2 an ontrigage, 1 s - 10s. 2 an ontrigage, 1 s - 10s. 2 an ontrigage, 1 s - 10s. 3 an ontrigage, 1 s - 10s. 4 an ontrigage, 1 s - 10s. 5 an ontrigage, 1	Ohic. Burl & Onless 1011		104	****	****		1st mortgage110				****		
Chie, Mil. and St. Paul. 309 409 419 418 600 585 14 mortgages. 8. 100 901 97 174 70 688 14. Jan. Jan. Ack Chi. htt. 10 90 91 97 184 M.C. Ch. On. Chief. M. Chi. St. L. Kan. Gity N. 50 91 91 90 90 10 114 M.C. Ch. On. Chief. M. Chi. St. L. Kan. Gity N. 50 91 91 92 92 90 90 114 M.C. Ch. On. Chief. M. Chi. St. L. Kan. Gity N. 50 91 91 90 90 10 114 M.C. Ch. M. 40 92 100 100 100 100 100 100 100 100 100 10	7s Consol, 1908	****	****		****		Income bonds	70	70			908	Atla
Preferred	Unic. of milwaukee lat	****			****		1st mortgage 964					97	Do
Section Sect	Preferred 701	718					St. L., Jack. & Chi. 1st						Do
Tol., F. & War. 1st R.D. S.D. S	2d mortgage, 7 8-10s						St. L., Kan. City & N 9		64	61		6	
Tol., Wab. & Western	1st M. (La Crosse dlv. 1034					****	Tol D & Way let E D	****	****	****			
Consoldated S. F. 22	INC M. I. and M. Her Vok	95	944	****		94	Tol., Wab. of Western						Do
Consoldated S. F. 22	let M. (H. & D. div.)		****		****	****	1st mortgage			94 x	c	931	Do
St. Louis Division	Consolidated S. F. 921	924	92	924	924	92	2d mortgage 76			78			Do
Stating Fund 104 105 1	Preferred					65	St. Louis Division		74xe	748	74	741	
Consolidated 7s	Sinking Fund					****	1st mortgage 1041	104	104	194		1044	
Dol. Color	Consolidated 7s		1064	****			Sinking Fund 8s 95		95	95			Mari
Western Pacific bonds	Do. reg			914	914								Do
Colley Col. College	78. 1896							811	824	****	101		De
Claving Prizes for the weekending Oct. 10. Asth. mortgage 108	6s, 19171051		1051	106	1054							- 1	
Color & Pittaburg quar. \$2\frac{1}{2}\$ \$3 \$3 \$3 \$3 \$3 \$4 \$	Olev., Col., C. and Ind. 411	411		-	_								1
Ath.	Ulev. & Pittsburg guar. 824	83	83	831	83	824						W 10	-
Ta. now Ta.	4th mortgage 106	106		****	****	****	Atch., Top. and Sap. Fe		****	12		12.	Al
Col., Chi., & Ind. Cent. 5, 5	78, new			****	****		2d mortgage 50				49		7
2d mortgage. Del. & Hudson Canal. 44 424 422 431 422 41 Reg. 7s, 1891. Reg. 7s, 1891. 98 98 98 98 98 98 98 98 98 98 98 98 98	1st mortgage 394					5	Income 128	803	****	80	80	798	
Reg. 7s, 1891	2d mortgage	****	****					-					
Ta, 1894	Reg. 7s, 1891	88	98	****	987	****	68, 1895	****	****		****	****	0
Dost of the Composition Dost of the Comp	7s, 1894			****	****	****	78				****		cial
Det. Mon. & Tol. 1st	2d mortgage 7s						Boston and Providence 125	1244					hig
Decorption	7s, Convertible	****	****	****							12		1
Preferred. 25 27 29 88, old 105 10	Dt. of Columbia 3-65s 74				74	****	Burl. & Mo. R. L. G. 78	****	****		-	****	
2d mortgage 102 104 104 108	Preferred 25						8s, old						
4th mortgage 101 100\$ 5s, new ties ties 5th mortgage 101 100\$ Cin., Sand. and Clev 2; dist Great Western 1st mort 92 xc 92 xc Concord (\$50\$) 20 dist 2d mortgage 73; 74 75; 76! Concord (\$50\$) 127 8s. Convertible 29 29 29; 22 28 Serip. 50; 55 55 8s. Convertible 20 55; 85 85 New 3; Bonds 50; 50	2d mortgage	****	****			****	Chi., Burl. and Quincy. 101	102			104	103	MILE TO
Star Mortgage				101	100%		58, new		****				1. 6.4
Connecticut River			921									****	
Preferred 29	2d mortgage 731	74	751	761		****	Connecticut River	****		****	****	127	100
Hudson River 2d mort. 111	Preferred 29	****	29	28)	28		Scrip	****		****	53	****	pri
Kansas Pacific 1st mort. Lake Shore & Mich. So. 67½ 60½ 71½ 72 71½ 70↓ Consol. 7s. reg. 108 108 108	Hudson River 2d mort	****			****	****	Fitchburg	104	****				nat
Consol.7s, reg. 10st 10s	Kansas Pacific 1st mort	****	****	****			Kan. C., Top. & West						
Consol. 7s., reg. 107 Nashus and Lowell Northern, N. H. Lake Shore Div. bonds 108 109 Northern, N. H. Norwich & Worcester 123 123 the Long Dock bonds 108 109 Preferred 92 92 93 93 93 109 Preferred 92 92 93 93 93 109 Preferred 92 92 93 93 93 109 100 105 1						70	Michigan Central 61	611			85	****	36
Leh. & W.B. 7s, Con. 35	Consol, 7s, reg	****		****	****	107	Nashus and Lowell	****			****		1
Long Dock bonds. 108 109	Lake Shore Div. bonds		****	****	104x				123	****	1284		
Michigan Central. 611 622 624 644 637 78, 1902 105	Long Dock bonds		109	****		****	Preferred	92			92	***	1. 1.
Se 1882		62				63	78V2	921					1
M. S. and N. I. 1st, S. F. 1111 2d mortgage. 103 1024 7s 801 10a8								61				****	1-
Morris and Essex 751 744 752 76 752 78 Pullman Palace Car.	M. S. and N. I. 1st, S.F.111	****	****		****	****	Pueblo & Ark. Val	****	****		****		12
2d mortgage 96x 96; 96; 1 Land Grant 7s. 102; 102; 102; 102; 102; 102; 102; 102;	Morris and Essex 75	74	75	76	751	78	Pullman Palace Car			****			1.0"
78. Convertible. Sinking Fund 8s. 941 941 941 78. Convertible. Sinking Fund 8s. 941 941 941 941 78. Consolidated. N.Y. Cent. & Hud. Riv 1041 1071 1081 1071 1071 1072 1073 1074 1075 1077 1078 1077 1077 1077 1078 1077 1077	2d mortgage	*****				111111	68102	102		10		674	
7s, Consolidated. N.Y. Cent. & Hud. Riv 104 107 108 107 107 105 7s, Sinking fund, 1876. 6s, Sinking fund, 1883. 108 108 107 Cambridge (Horse). 1st mortgage. 117 117	7s of 1871 963					****	Land Grant 78 102	102		102			
7s, Sinking fund, 187s	7s, Consolidated	107		****	****		. Vermontand Canada			* ***			5000
6s, Sinking fund, 1883. 105 105 107 Metropolitan (")	7s. Sinking fund, 1876						· Worcester and Nashua		****				bar
1st mortgage	6s, Sinking fund, 1887.	108					Metropolitan(")						por
Calumet and Harlem. 123 1734 1734 1734 1734 1734 1734 1734 173	1st mortgage117	117					· Middlesex (")	***				1200	1000
1st mortgage	N. York and Barlem 142		****		****		Calumet and Hecia 173	178					
	Jet moitgage117	117	117	****	117	***	· Franklin			12 . 1 . 100	10 10 1167	14.2	44.0
	due morekbile Lag		bit	0630	of L		- Adraed	0	nie eta	100	1440		

New York Stock Exchange. Closing Prices for the week ending Oct. 10.

Th.4.	F.5.	Bat.6	M.8.	Tu.9.	W.10.
FEDERAL STOCKS:-	(22,120.1	Indazi	511	District	***
U. S. 4s, 1997, reg1011	1014	101	2	deca	12.30
U. B. 4s, 1907, coup	1014	1014	1011	1011	****
U. S. 448, 1891, reg 1041	1044		104	1031	104
U. S. 448, 1891, coup 1044	1041	1031	104	1044	104
U. B. 5s, 10-40s, reg1061		1064	1065	2048	****
U. S. 5s, 10-40s, coup1074				1074	00.16
U. B. 5s, 1881, reg	****	1061	***	1061	1061
U.S. 5s, 1881, coup 107	1301	1061	1061	106	Thos
U. B. 6s, 1881, reg109	108	1081	108	1035	109
U.S. 6s, 1881, coup	****	1094	2000	1004	100
U. S. 6s, 5-20s, r. n.1865 1054		10, 10	105	,G110	12.01
U. S. 6s, 5-20s, c. n 1865 1(5)	1651	1046	****	105	1064
U. S. 6s, 5-20s, reg. 1867.107	107	1061	1681		1071
U. S. 6s, 5-20s, c. 1867107	1074	167	1071	1074	1074
U. S.6s, 5-20s, reg. 1868	109			109	
U. S. 6s, 5-20s, c. 1868 1091		nterrity	1091	1091	1091
U. S. 6s, Pac.R.R. issue 1204		1201	1204		DO.U.

London Stock Exchange.	Governmen
-Closing	Prices
Sept. 21.	Sept. 28.
Atlantic & Gt. W. 1stmort., \$1,000 24 - 26	28 - 25
Do. 2d mort., \$1,000 11 - 13	11 - 18
Do. 3d mort., \$1,000 6 - 6	6-6
Do. 1st mort, trust. certificates 24 - 26	23 - 25
Central Pacific of California 1st mort 105 -106	1054-1064
Detroit & Milwaukee 1st mort, bonds 30 - 40	80 - 40
Do. 2d do. 30 - 40	30 - 40
Erie shares, \$100 11 - 11	
Do. Reconstruction Assess. #6 pd. 15 - 17	15 - 17
Do. do. \$4 pd. 14 - 15	14 - 15
Do. Preference Shares 20 - 22	22 - 24
Do. 7 Convertible Gold Bonds 39 - 41	42 - 44
Do. Reconstruction Trustees Cer., 29 - 41	42 - 44
Do. 1st Consol. Mort. Sterling 73 - 80	80 - 82
Do. with Rec. T's Certs. of 6 Cou 75 - 77	77 - 79
Illinois Central \$100 shares 69 - 71	70 + 72
Lehigh Valley Consol, mortgage 94 - 96	94 - 96
Marietta and Cincinnati Railway	110 (2006)
N. Y. Cent. & Hud. Riv. Mt. bonds. 117 -118	117 -118
Do. 1st mortgage	130 - 102
Pennsylvania, \$50 shares 29 - 30	291- 291
Do. 1st mortgage	1 1 -108
Philadelphia and Reading \$50 shs 17 - 18	161 - 171
Pittsbg, Ft. W. & Chic. Equip bds., 99 -101	90 -101
Union Pacific Land Grant 1st mort.101 -103	101 -103
CHICA - GOING SHAN AND INVESTOR - TOO	200

merican Railroad Journal.

Saturday, October 13, 1877.

Financial and Commercial Affairs.

Of the notable events of the week, in the firaral line, were the further decline in Gold, the ther range of Money in the foreign and domesmarkets through the growing exigencies of reving trade at home and abroad, the substantial ength and buoyancy of Stock values, and more rnest discussions of the preliminaries to an earresumption of Specie payments, the probabilis of which seemed to have been brought more stinctly before the public, by the course of Gold, nich is now but little different as to market ice from the legal tender representatives of the tional credit. Money has been offered, more rervedly in the open market, and has been quoted as a been quoted against more urgent aquiry noted for acmmodation. Call loans were quoted here at elclose at 50", per cent, in most instances at e full legal price; and very choice to prime erca tile credits were rated at 61/2 @81/4 per cent annum for the best names. The City bank chibit of last week indicated a falling off in the an and discount average of \$3,376,900, and an crease in the item of circulation of \$265,800. he average of deposits was further reduced \$2,-17,800. The legal tender reserve fell off \$573, 00; and the specie average \$100,600. The City ank net reserve of specie and legal tender notes ow shows an excess over the legal requirement reserve to liabilities of \$8,490,350, as against 3,435,000 the preceding week. The City bank changes in currency reached \$428,888,687, or daily average of \$71,478,128, o shild hagis : 2408 18

On Tuesday of this week the cash balances of the Treasury Department at Washington were of Currency, \$15,924,803; special deposit of legal tenders for the redemption of certificates of deposit, \$44,120,000; Coin, \$119,021,626, including of Coin certificates, \$37,975,000.

The outstanding amount of legal tender notes is \$356,914,932. The National bank circulation is now \$815,728,154 of currency notes and \$1,429, 720 of national gold bank notes. National Bank notes received at the Treasury Department last week for redemption were to the amount of \$3, 810,000.

Influenced by the course of Gold and Money, lions. Government securities further receded in price, and were offered more freely, resulting in more extensive dealings, leaving off on Wednesday rather more firmly. At the close on Wednesday the current quotations were as follows:

United States currency sixes, 120@1201/4; do. 6s. 1881, registered, 108%@1091/8; do. coupon 109%@1101/8; do. 1865, new, registered, 105%@ 10514; do. conpon, 10514@1051/2; do. 1867, registered, 107@1071/8; do. coupon, 1071/6@1071/4; do. 1868, registered, 109@10914; do. coupon, 109@10914; do. ten-forties registered, 1065/8@ 106%; do. coupon, 1071/4@108; do. five per cents, 1881, registered, 1063/4@1067/8; do. coupon, 10634@10674; do. 41/2 per cents, 1891, registered, 104@1041/4; do. coupon, 104@1041/6; do. 4 per cents, 1907, reg., 101@1011/8; Central Pacific Gold Bonds, 1053/20106.

The amount of U. S. bonds held by the Treasurer of the United States as security for the National Bank circulation is \$338,010,850, and \$15,-208,000 as security for public deposits,

State Bonds have been in rather better demand and prices have been quoted firmer for the more popular loans. Railway Mortgages have been also more sought after, and the more substantial issues of actual interest bearing bonds have been again quoted firmer. And in the line of Railway and Miscellaneous share property the dealings have been on a liberal scale, and the general course of values has been toward a higher range, though near the close, under the mor stringent course of Money, and the resulting disturbance of temporary loans, the market was somewhat depressed and unsettled. The very latest transactions indicated general firmness.

Gold has fallen within the week to the lowest point touched in many years, or since 1862. The business has been less active, and of less public 5s. 6d.; for the Continent, 4s. 8d.@5s. per bbl. interest. The extremes of the price during the week have been 1021/2 @1031/8, closing on Wednesday at 102%, as against 103 on Wednesday of the preceding week. The specie outflow last week was only \$212,400, making the total exports of specie hence since January 1, \$23,053,210, against \$40,687,692 the same time in the preceding year. The imports of specie at this port last week were \$78,774, and since January 1st have been \$11,-677,608 as against \$5,992,516 same time last year. The Customs demand for gold last week reached \$2,082,377 or an average of \$338,729 per day.

Foreign Exchange has been in liberal supply and comparatively slow of sale with prices ruling week and closing irregularly. Bankers' sixty day bills on London closed on Wednesday at \$4 80@

to the £ sterling. The week's imports of Dry R., 71/4; Kansas Pacific R. R., 4; Canton Co. Goods and general merchandise were to the specie value of \$5,729,769 as against \$5,030,112 the cor responding week of 1876. The week's import entries of Foreign Merchandise at New York included \$1,378,679 of Dry Goods, and \$4,351,090 of General Merchandise. The week's export of Domestic Produce and Miscellaneous Goods from this port were to the very liberal aggregate of \$6,373, 639, against \$6,003,215 same week in 1876.

The income of the Government from internal revenues last week was about 234 millions, and and from Customs last week again about 2½ mil-

A fairly active movement was reported in most kinds of domestic produce which have been, however, quite variable, as to price, during the week, especially in the instances of Breadstuffs, Provis ions, Cotton and Petroleum. The Breadstuff and Cotton movements have been on a more liberal scale. Foreign merchandise has been moderately active at irregular rates. Coffee closed lower.

Metals have been attracting more attention and have been generally quoted steady. Eglinton Pig Iron queted at \$21@\$24 50; Glengarnock \$25 @\$25 50; Coltness \$26@\$27; No. 1 American Pig at \$18 50@\$19 50; No. 2 do. at \$17 00@\$18 50. Forge \$16@\$17; American Rails at works \$33@\$37. Old Rails \$18@\$19. Wrought Scrap \$22@\$24. Steel Rails, on the basis of \$45@\$47 50 Ingot Copper moderately dealt in on the basis of 173/@18 for early delivery.

The dealings in Hardware, Boots and Shoes and Dry Goods have been to a less important aggregate, though indicative of a fair degree of activity, leading instances.

Under more liberal arrivals of tonnage, Ocean freights have been ruling weaker, as to rates, on a moderately active business, chiefly for Grain and Petroleum. Liverpool steamer rates at the close for Grain, quoted at 9291d. Provisions, 35s.@45s.; Leather, 60s. Measurement Goods at 22s. 6d.@ 30s, per ton; Cotton, td.@5-16d. per lb., Tobacco 35s.@40s. Liverpool, by sail. Cotton, id.; Grain, 81d.@9d.; Measurement Goods 15s. @2Cs.; Tobacco 27s. 6d.@32s. 6d; Grain rates on charter hence for Cork and orders left off at 7s.@7s. 11.; for the Continent at 7s.@7s. 3d.; and from Baltimore for Cork and orders, 7s.@7s. 3d., and from Philadelphia at 7s.@7s. 3d. per quarter, Refined Petroleum bence for Cork and orders, 5s.@

The following quotations of sales of Railway and other securities are in addition to those giver elsewhere in our columns :-

New York .- Buffalo and Erie 7s, new, 106; Cedar Falls and Minnesota 1st mort., 851/2; Toledo and Wabash Equip. bonds, 111/2; do. 1st mort. 113; do. ex coupon, 9334; Canada Southern 1st mort., reg., 57; do. coupon, 611/2; Chicago, Burlington and Quincy 5s, S. F., 89; Milwaukee and 3t. Paul 2d mort., 92; Dubuque and Sloux City 7s, 2d Div., 102; Toledo and Wabash 1st mort. St. Louis Div., 86@38'; do. ex-coup., 741/2; Gt. 1st mort., 7634; Buffalo, New York and Erie Renewal bonds, 1916, 1071/4; Wabash R. R. Receipts, 19; St. Louis and San Francisco R. R., 41/2; New

22; Ontario SilverMining, 227/8; Mariposa L. and M., 1; do. pref., 11/4; Louisiana 7s, consol., 821/4; Tennessee 6s, old, 42%; do. new, 42%; North Carolina 6s, old, Jan. and July, 171/2; Missouri 6s, long bonds, 1063/8; Georgia 6s, 98; Arkansas 6s, Fund act, 24; Virginia 6s, def. certif., 534; Brooklyn 6s, W. L., 106. The latest quotations are: Adams Exp., 971/2099; American Exp., 54 255; Atlantic and Pacific Telegraph, 18@201/2; Central Railroad of New Jersey, 161/201714; Chicago, Burlington and Quincy, 103@-; Chicago and Alton, 82@-; do. pref., 105@-; Chicago and Northwestern, 401/4@401/2; do. pref., 651/6653/4; Chicago, Milwaukee and St. Paul, 881/6@383/4; do. pref., 693/26978; Chicago, Rock Island and Pacific, 1021/201023/4; Claveland, Columbus, Cincinnati and Indianapolis, 471/4@-; Cleveland and Pittsburg, 82@83; Columbus, Chicago and Indiana Central, 43/65; Delaware and Hudson Canal, 403/@41; Delaware, Lackawanna and Western, 4834@4838; Erie, 1318@1314; do. pref., 2616@ -; Hannibal and St. Joseph 125/6@18; do. pref., 27 1/2 @27 3/4; Illinois Central, 76 3/8 @76 1/4; Lake Shore and Michigan Southern, 70@701/8; Michigan Central, 63@631/8; Morris and Essex, 727/8 @731/4; N. Y. Central and Hudson River 105%@ 1053/4; New York and Harlem, 141@1421/2; Ohio and Miss., 9@91/8; Pacific Mail, 233/4@24; Panama, 125@128; Pittsburg, Ft. Wayne and Chicago, 93@94; Quicksilver, 23@231/4; do. pref., -@ 34; St. Louis, Iron Monntain, and Southern, 7@ -; St. Louis, Kansas City, and Northern 6@-; do. pref., 26%@-; Union Pacific 67@673/8; U. S. Express, 48@49; Wells-Fargo Express, 841/2@ and prices have been fairly supported in the 85; Western Union Telegraph, 823/8@821/2; Wabasb, 18%@19.

Philadelphia .- Sunbury and Erie 7s, 1897, 108; Pickering Valley R. R. 7s, 53; Connecting R. R. 6s, 1024; Am. S. S. Co. 6s, 74; Western Pennsylvacia R. R. 6s, 77; Philadelphia and Reading R. R. scrip, 65; do. 6s, 1844-'80, 10414; West Chester and Philadelphia R. R. 7s, 109; Huntingdon and Broad Top Mt. 7s, consol., 38; Northern Pacific R. R. pref., 141/4; Philadelphia, Germantown and Norristown R. R., 100; West Philadelphia R. R., 66; Central Transp, 30; Cincinnati 7.30s, 10434; Pittsburg 5s, 81; Pennsylsylvania State 6s, inc. pl., 1041/2. The latest quotations are : City 6s, 1071/2@-; do. free of tax, 1131/4@1181/4; Pennsylvania State 6s, 2d series, 1023/4@1031/2; do. 3d series, 1103/4@1111/2; do. 5s, new loan, 108@ 1081/4; Philadelphia and Reading, 161/4@163/4; do. Gen'l mort. 7s, coup., 1021/2@103; do. reg., 1023/4 @1031/4; do. mort. 6s, 1880, 1041/2@105; do. 7s, new conv. 571/2@-; do. 7s, 1893, 1073/2-; United New Jersey R. R. and Canal Co., 117 @119; Pittsburg. Titusville and Buffalo R. R., 87/8@9; do. 7s, 591/2@601/2; Camden and Amboy mort, 6s, 1889, 111@112; Penusylvania R. R., 80% @31; do. 1st mort., 196@107; do. gen'l mort. coupon, 105@106; do. reg., 105@106; do. consol. mort. 6s, reg., 92@-; Little Schuylkill R. R., 393-; Morris Canal, 48052; do. pref., 117 @-; Susq. Canal, 4@7; do. 6s, 35@--; Schuyl-Western 1st mort., ex coupon, 92; South Pacific kill Nav., -@5; do. pref., 71/2081/4; do. 6s, 1882, 62@-; do. 1872, 90@901/2; Elmira and Williamsport pref., 89@411/6; do. 7s, 1021/4@105; do. 5s, 59 -; Lehigh Coal and Navigation, 191/0191/6; \$4 90%; sight bills on London at \$4 84@\$4 84% Jersey R. R., 124; Missouri, Kansas and Texas R. do, 6s, 1884, 108@104; do. R. R. loan 104%@-;

do. Gold Loan, 893/4@503/4; North Pennsylvania, gold, 110; Cleveland 6s. 1882, 103; do. 7s, 1889, Atchison, Topeka and Santa Fe Railroad. 3814@391/4; do. 6s, 1063/4@1071/4; do. 7s, 112@do. Gen'l mort. 7s, reg., 1061/201071/4; Philadelphia and Erie, 956@10; do. 6s, 1011/4@1011/4; do. 7s, 98@99; Minehill, 461/2@-; Catawissa 71/2@ 10; do. pref., 33@-; do. new pref., 30@31; do. 7s, 1900, 1001/20102; Lehigh Valley, 411/40/413/4; do. 6s, new coupon, 109@110; do. reg., 109@ 110; do. 7s, reg., 111@1111/2; do. consol. mort., 98@981/6; Fifth and Sixth streets (horse), 67@ 71; Second and Third, 66@-; Thirteenth and Fifteenth, 37@40; Spruce and Pine, 26@27; Green and Coates, 85@40; Chestout and Walnut, 65@ 651/2; Hestonville, 12@121/2; Germantown, 491/2 @50; Union, 702-; Lombard and South, 13@ 17; Ridge Avenue 47@-.

Baltimore.-Baltimore City 5s, new, 10256; do. 5s, quarterly, 100; do. 6s, 1890, 1111/2; do. 1900, new, 113; do. exempt, 1141/2; Cincinnati 7.30s, 105; Virginia Peelers, 421/4; Canton 6s, gold, 89; Santa Clara Mining, 81/4; Union R. R. 6s, end., 103; South Side R. R. 3d mort., 60; Baltimore and Ohio 1st pref., 1023/4. The latest quotations are : Cincinnati and Baltimore, 7s, -@98; Wilmington and Weldon 7s, 102@-; Wilmington, Columbia and Augusta 7s, 30@-; Richmond and Danville 1st mort., 74@77; Pittsburg and Connellsville 7s, 1898, 101@1011/2; Baltimore and Ohio, 1101/2@ 111; do. 1st pref., 102@103; do. 2d pref., -99; do. 6s, 1880, 103@106; do. 1885, 1051/20106; Northern Central, 17@18; do. 6s, 1885, 100@ 105; do. 6s, 1900, 100@101; do. 6s, 1900, gold, 955/8 @96; Marietta and Cincinnati 1st mort. 7s, 1892, 941/0951/4; do. 2d mort. 7s, 513/052; do. 3d mort. 8s, 227, 231/4; Central Ohio, 25@31; do. pref. -@44; do. 1st mort., 1001/2@1011/4; Western Maryland 1st mort. 6s, 1890, 92@-; do. 1st mort. guar., 108@-; do. 2d mort. guar., 108@ -; do. 3d mort. guar., 110@112; do. 2d mort. pref., 75@85; do. 2d mort., guar. by Washington Co., 102@-; Virginia and Tennessee 2d mort. 6s, 8434@86; do. 3d mort. 8s, 8616@88; Orange and Alexandria 1st mort, 6s, -@95; do. 2d mort. 6s, 68½@75; do. 8d mort. 8s, 45@50; do. 4th mort. 20@30; Orange, Alex. and Manasas 7s, 70@73; Baltimore 6s, 1884, -@112; do. 1886, 111@-; do. 1886, new, 110@1101/4; do. 1890, 111@111½; do. 1900, 112@112½; do. 1900, new. 113@-; do. 1902, 113@-; do. 1902, new, 1121/2 @113; do. 6s, exempt, 115@-; do. 1893, 1121/2 @--; do. 1893, new, 1111/2@--; do. 5s, 100@101; do. 5s, new, 1021/201025/8; Maryland Defense 6s, 1883, -@112; do. 6s, 1885, 106@-; do. 6s, exempt, -@1141/2; do. 5s, 982-; Virginia consol, 6s, 58@581/4; do. 2d series, 41@44; Virginia Consol. coupons, 83% @83%; West Virginia def. certif., 51/2@6; Baltimore City Passenger R. R., 331/4@35; Baltimore and Catonsville R. R., 13@ 16; George's Creek Coal, 95@105; Atlantic Coal, 1.35@1.50; Canton Co., 20@26; do. gold 6s, 89 @90; Santa Clara, 7@13; do. bonds, 25@-; South Side 1st mort., 862-; do. 2d mort., -@ 71; do. 8d mort., 59@61; Norfolk and Petersburg 1st mort. 8s, 88@92; do. 2d mort. 8s, -@80.

Boston.-Boston and Maine R. R. 7s, 1101/2 Nashua and Rochester 6s, 1864, guar., 921/2; Atchison, Topeka and Santa Fe gold scrip, 50; Rutland pref., 9; do. 8s, 1902, 78; Cheshire R. R., 87; do. 6s, 1880, 9718; Middlesex Central R, R., 8834; Boston Land Co., 21/4; Boston 5s, 1906,

111; Cambridge 6s, 1884, 10634; Portland 6s. 1887, 10834; San Francisco 7s, 1896, gold, 1011/2; St. Louis City 6s, 1887, 1043/4; Cook Co., Ills., 7s, 1882, 1081/6; Duncan Silver Mining Co., 21/8; International, 25c.; National, 10; Osceola, 20.

FISK & HATCH,

Bankers,

No. 5 NASSAU ST., NEW YORK.

U. S. GOVERNMENT BONDS bought and sold in amounts to suit investors: also, Gold, Silver and for-eign coins: Deposits received in Currency or Gold, and interest allowed on Balances: Special attention paid to Investment Orders for Miscellaneous Stocks and

The Bridge at Yuma.

The Arizona Sentinel states that the Southern Pacific Railroad bridge over the Colorado River is 480 feet long, with a draw of 187 feet. Over 100,000 pounds of iron rods are used in bracing it together. Every span is an independent truss by itself. The piles are of cedar 14 inches square, and driven to a depth of 26 to 32 feet each. Experts say there is no better wooden bridge in the United States. This is the bridge about which a dispute has arisen between the Southern Pacific and Texas Pacific Companies. The west end of it rests within the military post at Fort Yuma, while the terminus is on the Arizona bank. The Texas Pacific contests the right of the California Company to cross the Colorado, and induced the War Department to stop trains from crossing; but this action the Cabinet, after two meetings, has revoked and the trains are now using it,

Louisville and Nashville R. R.

At the annual meeting of the stockholders of the Louisville and Nashville Railroad company, held at Louisville on the 3d inst., the old Board of Directors was re-elected without opposition. A resolution congratulating the stockholders on the successful management of the road was unnanimously passed. E. D. Standiford was re-elected President, and H. Victor Newcomb Vice President. The report of the President shows affairs to be in a satisfactory condition, the bonded and floating debt having been largely reduced, and the earning capacity of the road rapidly increasing, being in the past year a net of \$2,140,520 28, against \$1,484,047 37 in the year before the panic The road is in fine condition and the country through which it passes is increasing in population and wealth. The company is paying much attention to immigration and the location of manufacturing interests along its line.

The second mortgage bondholders, who purchased the Louisville, Cincinnati and Lexington Short Line Railroad, have elected a Board of Directors, consisting of E. D. Sayre and M. C. Johnston, Lexington; George Spratt, F. P. Schmitt, E. Thompson, Charles Tilden, George Ainslee, J. B. Bargs and Jacob Kruger, Louisville. J. B. Wilder was elected President.

The capital stock of the Mt. Adams and Eden Park Inclined Railway Co, has been increased to \$500,000.

The earnings of the Atchison, Topeka and Santa Fe Railroad Company for the month of August, 1877, were \$255.572 17, the operating expenses \$110,780 24, and the net earnings \$144,791 98. For the month of August, 1876, the earnings were \$248,138 33, the expenses \$117,799 55, and the net earnings \$130,338 78-showing an increase in earnings of \$7,433 84, a decrease in expenses of \$7,433 84, and an increase in net earnings of \$14,-453 15. Per cent of expenses to earnings in August, 1877, 43.34; in August, 1876, 47.47. Number of miles operated in both years, 711. The following is a comparative statement of the earnings, expenses, etc., for the eight months ending August

31, 10	ore and rott:	more but	21111	Artellandlik
		1876.		1877.
From	freight	972,816	00	\$960,887 00
- 66	passengers	465,633	00	461,084 00
14	mail	25,326	00	25,326 00
65	express	22,528	00	26,210 00
**	miscellaneous	6,488	00	5,878 00
. 1	otal\$1	,492,791	91	\$1,479,885 33
Opera	ting expenses	758,037	41	815,829 74
N	let earnings	\$734,754	50	\$664,055 59
Per c	ent operating ex-	. 741	0.78	55.11
No. m	iles operated	Av. 6	390	711

The earnings of the Houston and Texas Central Railway for the month of August, 1877, were \$199,874 70, the expenses (including taxes paid), \$131,985 57, and the net earnings \$67,889 13. For the month of August, 1876, the earnings were \$208,106 07, the expenses, etc., \$152,628 22, and the net earnings \$55,477 85-showing a decrease in earnings of \$8,231 37, with a decrease in expenses of \$20,642 65, making an increase in the net earnings of \$12,411 28.

The earnings of the Central Pacific Railroad for the month of September, 1877, were \$1,-420,535, against \$1,871,875 for the month of September, 1876, and \$1,567,622 for the month of September, 1875. For the first nine months ending September 80, 1877, the earnings were \$12,-036,107, against \$13,136,195 for the first nine months in 1876, and \$12,567,045 for the first nine months in 1875.

Oa or about Monday, a motion will be made in the Court of Common Pleas to dissolve the injunction which now lies, preventing the New York Elevated Railroad from operating in front of the Pacific hotel on Greenwich street. The motion will be made on the ground that the recent decision of the Court of Appeals has decided this and all similar cases definitely.

An effort was mede on Tuesday to enjoin the Pennsylvania Railroad Co. from paying the dividend on the stock of the United Companies of New Jersey ; which, together with the rumor that the former company were rbout to cancel the lease of the letter, caused the stock to fall to 117 bid and 119 asked. On Wednesday, however, it had recovered to 1221/0125.

A dividend of three per cent has been declared upon the capital stock of the Main Stem of the Baltimore and Ohio Railroad Company-making, with the five per cent declared in April last, eight per cent for the year 1877.

Imports of Dry Goods at New York.	from St. Louis. The cattle were fed and watered	Condensed General Balance.
The imports of foreign dry goods at New York for the month of September, were:	twice a day on the road.	DEBTOR.
ENTERND FOR CONSUMPTION.	Portland and Rochester Railroad.	Preferred stock \$51,000,000 00 Less issued 41,910,976 35
1876. 1877.	The annual meeting of the directors of the Port- land and Rochester Railroad Company was held	\$9,089,023 65
Manufactures of wool \$1,485,750 \$1,836,068	in Portland on the 3d inst. The Treasurer's re-	First mortgage bonds, etc., surrendered and interest 86,786,248 48
cotton., 794,868 788,145	port shows a falling off in receipts from last year,	Preferred stock issued as collateral
flax 532,782 697,100	and a corresponding reduction in expenses. The	and as indemnity to sureties on bonds given to the government. 5,075,711 20
Miscellaneous dry goods. 424,793 497,278	President in his report says:	Preferred stock, issued for lost cer-
Total \$4,664,259 \$4,845,561	"There has been a loss of over 50,000 local pas- sengers in three years, and an increase of 13,988	tificate
WITHDRAWN PROM WARRETOUSE.	through passengers during the same time. This	Less issued 18,955,500 00
1 876. 1877. Manufactures of wool 81 275.843 \$1.118,843	continued loss of local traffic can only be ac- counted for by reason of the depressed condition	35.044.500 00
Manufactures of wool \$1 2.75,843 \$1,113,843 cotton 8 32,610 269,861	of our lumber and manufacturing industries. The	Stock of old company surrendered 18,955,500 00 Construction, as per
silk 5£ 8,942 568,256	people are poor and have not the money to pay	last report\$18,923,119 50
Hax 41 0,402 000,021	for such luxuries, but with a revival of these in- dustries may we not anticipate that this traffic	Since last report 541,069 81 19,464,189 31
11191	may be restored to us, which with a prosperous	Equipment 1.081.693 86
Total	and increasing through business will enable the road to largely increase its receipts and thereby	Shop material, fuel, etc., on hand. 115,659 42 Trustees of land stocks
172 1.0% 00 020/10 -	give greater value to its securities."	Connecting lines 81,597 74
Thrown upon market \$7,370,318 \$7,332,82.	Morthern Lacine Maritone.	Lands, Minnesota & Dakota districts \$18,605,949 92
ENTERED FOR WARRHOUSING.	The gross earnings, operating expenses and net	Lands, Pacific dis-
Manufactures of wool \$720,424 \$786,690	earnings of this road for the year ending August	tricts 5,119,456 79
cotton 204,466 208,493	31, 1877, were as follows:	Preferred stock and scrip received
# flax 478,597 407 249	GROSS EARNINGS. Minnesota: Division—	on land sales 1,709,317 06
Miscellaneous dry goods. 91,916 105,992	Passenger earnings\$161,824 70	Taxes paid 14.286 63
Total \$1,809,740 \$1,835,034	Freight earnin, 38 398,073 17	Suspense 1.047 00
Add entered for consump. 4,664,259 4,845,561	Mail earnings 16,021 96 Express earnings 6,157 16	Bills receivable and balance due company, less outstanding debts 16,750 53
Total entered at the port. \$6,473,999 \$6,680,595	Miscellaneous earnings 10,280 52	Balance in hands of agents, etc 9.705 23
	————\$592,365 51 Dakota Division—	General and legal expenses, sala- ries, rents, fuel, etc
The imports of foreign dry goods at New York for nine months from January 1, were:	Passenger earnings\$157,427 50	Cash balance in bands of treasurer. 8,206 2
ENTERED FOR CONSUMPTION.	Freight earnings 78,267 88	e147 951 919 9
1876. 1877.	Mail earnings 18,088 42 Express earnings 2,293 35	\$147,251,212 2 CREDITOR,
Manufactures of wool \$10,931.428 \$10,520,596 cotton 10.277,335 10,787,545	Miscellaueous earnings 7,297 61	Capital stock\$100,000,000 0
cotton 10,277,335 10,787,546 milk 13,887,363 15,093,470	Pacific Division— 253,374 76	Assets acquired under decree of court
" flax 5,962,994 7,120,547	200 000 00	Balance of net earnings from last
	Freight earnings 47,513 85	year 235,879 9
Total \$45,70'0,072 \$48,011,574	Mail earnings 5,702 40 Express earnings 627 23	Net earnings from Sept. 1st, 1876, to July 31st, 1877—
WITHDRAWS PROM WAR EHOUSE.	120,083 10	Minnesota Division\$223,870 30
Manufactures of wool \$7,478,117 \$6,033,674 cotton \$,941,733 3,069,240		Dakota Division 89,302 17 Pacific Division 86,739 97
8ilk 4.3c 1,508 4,064,173	OPERATING EXPENSES.	Hire of cars 1,191 29
Miscellaneous dry goods. 1,144,44,5 1,074,480		Land receipts, net, Minnesota and
The state of the s	Motive power \$77,986 05	Dakota divisions, from October
Total\$20,890,515 \$ 17,463,816 Add entered for consump, 45,700,072 4,9011,574	Maintenance of cars 87,363 26 Maintenance of way 153,731 45	1st, 1875, to July 31st, 1877, and of Pacific Division. October 1st.
and entered for consump, 40,100,072 4 4 4 4	Conducting transportation 58,662 37	of Pacific Division, October 1st, 1875, to August 31st, 1877 1,695,671 4
Total thrown on the mar-	General expenses 13.864 74 \$336,107 87	Interest 1972 8
ket	Dakota Division—	1 - 011 - 30 .ob , 0 - 111 - 111 \$147,251,212 2
1876, 1877.	Motive power \$60,302 66	the market being raid; to horse but were all
Manufactures of wool \$7,193,225 \$6,006,65	Maintenance of cars 10,773 57 Maintenance of way 51,104 72	* Net earnings to July 31st, 1877, as stated
cotton. 3,503,130 2,900,282 silk 4,363,199 3,698 530	Conducting transportation 27,260 66	Net earnings for August, 1877—
ffax 8,461,512 8,102,499	General expenses 10,289 49 159,731 10	Minnesota Division 31.719 0
Miscellaneous dry goods. 1,122,031 1,120,046	Pacific Division—	Dokota Division
Total entered warehouse. \$19,643,097 \$16,828,010	Motive power \$16,396 30	Pacific Division
Addentered for consump. 45,700,072 48,011,574	Maintenance of cars 4,878 81 Maintenance of way 30,907 07	Total net earnings for the year ending
Total entered at port\$65,343,169 \$64,839,584	Conducting transportation 22,246 49	August 31, 1877\$392,698 4
The change of the gauge of the New	General expenses 3,803 20	New York, September 26th, 1877.
Branswick and Canada Railroad, a branch of which	THE PERSON NAMED IN STREET, ASSOCIATION OF THE PERSON NAMED IN CO., NO. 10. P. LEWIS CO.	South Month there's the and the Ad atoric.
runs to Houlton, is contemplated, so as to conform	Total	11. 77 1. 3 77 1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
to that of the Maine Central and European and		1 mis outled Diates in Hagust, 1011, was \$22,009
North American Railroads.	Net earnings, Dakota Division 42,797 1	
The first train of palace cattle cars, ir	The state of the s	was \$3,410,309, and in 1876 \$5,237,893. The va
vented by United States Senator McPherson, of		
New Jersey, arrived at the Jersey City abatto i		

imports in eight months of 1877 was \$38,942,722 against \$64,537,917 same time in 1876.

Russian Railways.

The aggregate receipts of the Russian Railways for June, 1877, upon 18,737 versts, were 17,986, 032 roubles, as compared with 17,694 versts, and 13,402,730 roubles in June, 1876, showing increases of 1,043 versts and 3,683,302 rs. For the first half of 1877 the total receipts were 81,838,-487 rs., against 67,437,790 rs. in 1876, showing 13,900,697 rs. increase. Out of the 54 lines making up the Russian system, 15 only show any diminution in the receipts, the worst decrease being one of 12 per cent cn the Don and Volga line. The lines, on the other hand, showing the greatest increases are, the Rostoff and Vladikavkas, 79 per cent; Riga and Bolderaa, 77 per cent; Brest and Grajewo, and the Odessa line, each 75 per cent; Kiew and Brest, 72 per cent; and Dunaburg and Witebsk, 63 per cent. The net increase of the first balf of 1877 over that of 1876 is 14 per cent. The figures for the first balf of each year since 1872, are:

	Length on	Receipts			
Half-	30th June.	Total.	Per Verst.		
years.	Versts.	Roubles.	Roubles.		
1873	13,911	54,870,680	4,050		
1874	15,576	70,129,617	4,562		
1875	17,006	69,034,151	4,060		
1876	17,694	67,437,790	8,811		
1877	18,737	81,338,487	4,345		

American District Telegraph.

The annual report of the American District Telegraph Company, submitted on the 9th inst., shows that arrangements have been made for five years with the Western Union Telegraph Company to establish the system in the New England States, as far west as Denver, and as far south as Memphis. One thousand instruments have already been put in operation, the company agreeing to pay an annual royalty on each instrument. The number of messages delivered in this city and vicinity during the past year was 1,513,265; and Greenwood Lake Railroad Company. the total receipts amounted to \$208,983, the expenditures for the same period being \$277,866. The following directors were elected for the current year : Elisha W. Andrews, H. B. Cornell, Townsend Cox, J. M. Foote, H. W. Greenleaf, J. A. Gamewell, H. F. Jenkins, Charles Lamson and J. Hilton Scribner.

American Leather in Germany.

The international exhibition of articles used in leather industry was opened in Berlin on the 8th of September. The United States Consul General at that city sends an interesting report to the Department of State concerning the American display. All Germany, Austria, Hungary, Belgium, Denmark, Holland, Sweden and Norway, Switzerland and the United States were fully represented. England, Italy and Russia but partly. The great feature of the exhibition was two displays, made by American firms, which gave the first opportunity publicly afforded in Germany for the proper appreciation of the skill and perfection which the manufacture of boots and shoes by machinery has attained in the United States, and the fullest and. frankest tribute was paid to the ingenuity and enterprise displayed. The interest excited must act most favorably on the introduction of American shoe machinery into Germany. The number of shoe factories now in Germany using American

tion of 14,000 pairs. The value of American leather, oak and bemlock tanned is fully recognized in Germany, and if our tanners would give their work a better finish the trade in American leather in that country might be regarded as a permanent and decided success. Of American tools there was a splendid display of all sorts, and the superiority of these tools to all those of the same kind used in Germany was conceded on all sides. The Chairman of the Committee, in his opening speech, referred in warm terms to the progress made in the United States in tanning and shoe machinery, and publicly thanked our manufacturers for the extensive and fine display in the American department.

The first locomotive, platform cars and rolling stock of the Canada Pacific Railway passed Pembina on the 8th inst. for Winnipeg. The stock is intended for construction service on the Pembina branch of the Canadian Pacific Railway, Mr. Whitehead, chief contractor, accompanied the stock.

Herapath says that "the late mob violence, which staggered all admirers of American laws and manners, and which for gross barbarity is unparalleled, certainly deserves the attention of Congress with a view to remedying so great a wrong."

The cab lines running in connection with the New York Elevated Railroad are becoming very pepular and profitable, and the number of passengers by them increase each day.

Col. Thomas R. Sharp, Master of Transportation of the Baltimore and Ohio Railroad, has been elected President of the Long Island Railroad.

Mr. Garrett A. Hobart of Passaic, N. J., has been appointed Receiver of the Moutclair and

PITTSBURG AND LAKE ERIE RAILROAD. NOTICE TO CONTRACTORS.

Proposals will be received by the undersign Proposals will be received by the undersigned until two o'clock P. M. on Tuesday, October 16th, 1877, at Rochester, Beaver County, Pa., for the Grading and Masonry of Seventy (70) Miles of Railroad of Standard Gaugo, extending from Pittsburg, Pa., to Youngstown, Ohio. The work will be divided into sections of about one mile each, and bids will be received for one or more sections. Specifications and profiles may be seen, and further information may be obtained, on and after Tuesday. October 9th. on application to Francis H. Tuesday, October 9th, on application to Francis H. Saylor, Engineer, at Rochester, Pa. Proposals should be on blank forms, which will be furnished. The right to reject any bid is reserved.

B. J. McGRANN, Contractor.

ÆTNA GRATE.

SIMPLE, DURABLE AND SUCCESSFUL A SHAKING GRATE. Saves Fuel, Bars and Labor. Prices reasonable.

For particulars, illustrated circular and references.

ALFRED J. WOLF, Manufacturer, 120 Wall Street, New York.

ALMOND CHUCK



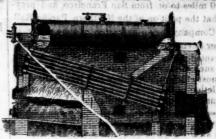
Is the BEST, most Elegant and Durable, simple and cheapest Chuck in the market. Thor-oughly well made.

All Steel. Price \$5. T. R. ALMOND, 84 Pearl St., Brooklyn, N. Y.

machinery is forty, with an average daily produc BABCOCK & WILCOX

PATENTAL gallace and

Tubulous Steam Boiler.



Best Wrought-Iron Lap-Welded Boile Tubes, Expanded into Cast-Steel Up-Takes.

No Bolted or Packed Joints.

ALL CONNECTIONS MADE BY PARADING TUBES INTO BORED HOLES.

Centennial Exposition Medal awarded this Boiler for highest Economy and Efficiency on Test.

Illustrated Circulars, and other desired information. promptly furnished.

BABCOCK & WILCOX, Engineers, No. 30 Cortlandt St., New York.

Proportional Parallel Rule, T Square and Protractor Combined.

OR ARCHITECTURAL AND MECHANICAL draughtsmen, surveyore, engravers, students in industrial drawing and art studies. Engineers and draughtsmen approve of it, and consider it the best instrument for the purpose ever invented. Can be seen at the office of the inventor, patentee and manufacturers, W. GARDMAN & SON, who construct and re-

pair engineering and astronomical instruments, etc. 112 John Street, New York. Send for illustrated circular. Is now on exhibition at the Fair of the American Institute, Depart. I, Group 7.

TO GAS CONSUMERS. Triplex Economizing

EXPANSION BY HEAT.

INCREASING LIGHT. A trial of one burner will convince. TRIPLEX GAS BURNER CO., No. 40 Cortlandt Street,

\$3 per dozen. NEW YORK. Send for illustrated and descriptive cir.

BASE-BURNING BOILERS, for Warming Dwellings, Green-Houses, Drying Rooms, by high or low pressure hot water; also for Baths, Baptisteries, and

Railway Water Stations. CHARLES R. ELLIS, 182 Centre St., New York.

Hynes' and Abbott's Patent VENTILATORS.

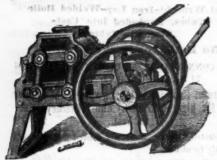
TIN AND SHEET IRON WORK.
WEST'S SQUARE TUBE COPPER,
OTIS' PATENT AND OTHER

LIGHTNING RODS. Pumps, Windmills, etc. WEST & CANNON,

40 Cortlandt St., New York.

A petition to Congress is being widely circulated in Oregon and Washington Territories representing the great and increasing need of communication with the interior and Eastern States, which is now impossible except by a sea voyage of 500 miles to or from San Francisco, and praying that the petition of the Northern Pacific Railroad Company for an extension of time under its charter to enable it to complete its railroad may be granted, and that Congress will in this manner, or in such modified form as may seem to it best and most efficient, encourage and insure the early completion of this great national highway, and relieve us from our existing isolation.

The Alden Crusher.



New in Principle, Simple in Construction, Economical in Use of Power, and of Remarkable Efficiency.

FOR BREAKING STONE FOR BALLASTING RAILROADS, McAdamizing Streets,

AND FOR CRUSHING AND PULVERIZING ORES OF ALL KINDS,

NO LOST MOTION, ADJUSTABLE, DURABLE, PORTABLE.

SEND FOR ILLUSTRATED CIRCULAR

COPELAND, DODGE & CO., 206 Broadway, N. Y.

EDWIN H. BROWN, 7 Warren Street, New York,

Solicitor U. S. & Foreign Trade Marks & Patents.

Make a note of the time when you first think of an invention, date and keep all writings, sketches, drawings and models of it. It will be well to have persons sign the former as witnesses, and this may be done without exhibiting the contents. To establish title to your invention, even after obtaining a patent, you may have to prove that you made it before any one else, and never gave it up. else, and never gave it up.

Engineers' and Surveyors' Instruments.



Media dearactic Extinent of all Nations, New York, 1853, for best Drawing Instruments. Particular mention for Limb Protractors.

Media awarded—International Exhibition, Philadelphia, 1876, for, Surveying and Leveling Instruments

JAMES PRENTICE, 164 Broadway, N. Y.

Rider Compression Pumps, For supplying R. R. tanks with water. Can be run by any ignorant trackman or baggage master. Uses no steam, has no valves to get out of repair. We guarantee our 10 inch engine to pump water for one half cent per 1000 gallons. Write for circulars and information. CAMMEYER & SAYER, 93 Liberty St., N. Y.

PATENT MINERAL WOOL

Insulator of Heat or Cold.

A 3 INCH LINING SUFFICIENT FOR Hot Blast-pipes, Furnaces, &c.

CHEAP ENOUGH

FOR LINING FRAME-HOUSES, AND FIRE-PROOF.

STATE RIGHTS FOR SALE.

Address for circular :

Alexander D. Elbers,

P. O. Box, 4461. 264 BROADWAY, N. Y.

John Hartrick & Co., ENGINEERS AND MACHINISTS.

MANUFACTURERS OF ENGINES, SHAFTING, PULLEYS, HANGERS, ETC. 47 Gold Street, New York.

Jobbing promptly attended to.

Stewart's Sewer Gas Trap.

THE PATENT SEWER GAS TRAP, PATENTED and constructed by Stewart & Co., at the Manhattan Pottery,

DRAIN PIPE TERRA COTTA

Works, foot of W. 18th and 19th Sts, and Warerooms at 269 Pearl St., near Fulton St., New York, is warranted to be an effectual barrier to the admission of poisoncus gas. Send for illustrated circular and price list.

BALL'S PATENT TELESCOPE JACK



ALBERT BRIDGES, Railway and Mining Supplies and Machinery No. 46 CORTLANDT STREET, Der. 2842.

Forster, Ludlow & Co., BANKERS. New York,

7 Wall Street,

P. O. Box, 120.

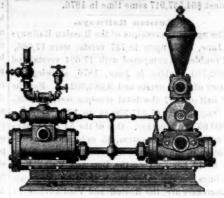
FRANCIS B. FORSTER, New York, AND B. C. Ludlow, Austin, GEO. B. ZIMPELMAN, Texas. Austin, Texas.

Dealers in Texas State, County, Municipal and Railroad Bonds.

Knox & Shain,

MANUFACTURERS of Engineering and Telegraphic Instruments, 716 Chestnut St., Phila. (Two medals awarded by Frnklin Institute, and one by Centennial.)

STEAM PUM



IMPROVED NIAGARA STEAM PUMP.

Marine Steam Engines. Stationary Steam Engines Marine and Stationary Boilers. Hydraulic Elevators for Buildings. Pulleys, Shafting and Hangers a spe-

NORMAN HUBBARD,

93 to 97 Pearl St., Brooklyn, N. Y.

LENG & OGDEN, IRON & STEEL

MERCHANTS.

4 Fletcher and 212 Pearl Streets, NEW YORK.

GENERAL AGENTS FOR

Lansdell & Leng's Lever and Cam Valves, for wa-

The Steam Water Station Company's Lansdell's atent Steam Syphon Pumps.
Credenda Steel Gun Barrels, Moulds, etc.

Patent Weldless Cold Drawn Steel Tube Company.
Marsh Brothers & Co.'s Cast Steel, German Steel,
Machinery Steel, Files, etc.

JOHN HICKLING'S, 62 Broadway

21 New Street,

You can buy and sell Stocks in lots to suit; one per cent margin.

Reliable privileges accepted as margin.
Commissions 1-16 on 100 shares.

Operators can execute their orders at JOHN HICKLING'S.

Standard and Narrow Gauge

IRON AND STEEL RAILS. All Weights and Patterns.

RAILS FOR HORSE RAILWAYS

All Weights and Patterns in Stock.

Locomotives & Rolling Stock. BONDS AND LOANS NEGOTIATED.

DANA & CO.,

20 Nassau St., N. Y.

A. WHITNEY & SONS. CAR WHEEL WORKS.

Callowhill and Sixteenth Sts.,

PHILADELPHIA, PENN.

FURNISH CHILLED WHEELS for Cars. Trucks
and Tenders. CHILLED DRIVING WHEELS and
TIRES for Lossa-ctives. BOLLED and HAMMERED
ALLES.

WHEELS and AXLES FITTED COMPLETE.

factories now in Germany using Ameri-

THE CHAMPION AIR PISTOL.

For Target Practice Amusement and Shooting Small Game.

Shoots darts or slugs 50 feet with accuracy.

Can be loaded by anybody with safety and ease.

Recommended by General SHERMAN; also by J. F. LYNCH, Esq., of the Austra-

Each pistol is put up in a neat box with a skeleton gun stock, 6 Darts, 100 Slugs, 6 Targets, a Ram-rod, Claw and Wrench.

Sent by Express C. O. D., or by mail at the risk of parties ordering, on receipt of price, and 40 cents additional for postage.

POPE MANUFACTURING CO.,
45 High St., Boston, Mass.

THE PHŒNIX IRON

410 Walnut St., Philadelphia,

MANUFACTURERS OF CURVED, STRAIGHT AND HIPPED

Wrought Iron Roof Trusses

BEAMS, GIRDERS and JOISTS, and all kinds of Iron Framing used in the construction of iron roof buildings.

DECK BEAMS, CHANNEL, ANGLE
AND T BARS
curved to template, largely used in the construction of
Iron Vessels.

Patent Wrought Iron Columns, Weldless Eve Bars, for top and bottom chords of bridges.

Railroad Iron, Street Rails, Rail Joints and Wrought Iron Chairs.

Refined Bar, Shoeing, and every variety of Shipping Iron Made to Order.

Plans and Specifications furnished. Address SAMUEL J. REEVES, President.

ESTABLISHED, 1821:

MORRIS, TASKER & CO., Limited. PASCAL IRON WORKS, PHILADELPHIA.

DELAWARE IRON CO., NEW CASTLE, DELAWARE.

Office 209 SOUTH THIRD Street, Philadelphia.
Office and Warehouse, No. 15 GOLD St., New York.
Office and Warehouse, No. 36 OLIVER St., Boston.
Manufactur rs of Wrought Iron Welded Tubes, plain

Manufactures of Wrought Iron Welded Tubes, pl.
galvanized and rubber coated, for gas, steam and water.
Lap-Welded Charcoal Iron Boiler Tubes.
Oil Well Tubing and Casing.
Gas and Steam Fittings, Brass Valves and Cocks.
Gas and Steam Fitters' Tools.
Cast Iron Gas and Water Pipe.
Street Lamp Posts and Lanterns.
Improved Coal Gas Apparaths.
Improved Sugar Machinery, &c.

We would call special attention to our Patent Vulcanized Rubber-coated Tube.

SELF-OILING

No Waste of Oil. No hot journals. 82,000 miles

run without re-oiling. Also

SHAFTING BOXES.

Call and examine boxes and certificates, or send for J. B. TOMLINSON, 80 & 82 White St., New York. MARSHAL B. STAFFORD, descriptive circular.

JAMES H. COVEL, 93 Liberty Street, New York.

Trial Box furnished free on application, Vilmington, Del-

RICHARD DUDGEON

No. 24 Columbia St., New-York, Maker and Patentee of



JACKS PUNCHES,

HYDRAULIC

RollerTube Expanders and Direct-Acting STEAM HAMMERS.

Communications by letter will receive prompt attention. Jacks for Pressing on Car Wheels of Crank Pins,

MADE TO ORDER.

Jersey City Steel Works. JAS. R. THOMPSON & CO..

HAMMERED AND ROLLED

OF ALL DESCRIPTIONS, Warren Street, Jersey City, N. J.

Tool, Drill, Frog Plates and Points, Cutlery, Rake, Axe, rloe, Machinery, Spring Wagon-Axle, Tyre, Sword, Bayonet, Rifle, and Pistol, made to Order. Istol, made to order.

JAS. R. THOMPSON,

B. ILLINGSWORTH

H. DICKINSON.

D. G. GAUTIER,



Highest Centennial Award.

Office and Works, 9th st. above Master, Philadelphia. Warerooms, 50 and 52 So. 4th st. above Chestnut, Phila. New York Store, 93 Liberty st.

Scales for Railroads, Elevators and Wharves.

*cales for Fornaces, Rolling Mills, Mines, etc.

Testing Machines adopted by U.S. Government

Trucks for Depots, Warehouses, etc.

PATENTS SECURED. Have always Customers for Valuable Patents. Call at 24 Barelay St., in Patent Office.

HENRY GERNER.

THE

TAUNTON LOCOMOTIVE MANUFACTURING COMPANY.

TAUNTON, MASS HAVING large facilities, and having had a long exper ence in the business, are prepared to furnish

OCOMOTIVES.

EITHER FOR BURNING WOOD OR COAL, OF THE MOST APPROVED CONSTRUCTION. ALSO ALL KINDS OF

MACHINERY RAILROAD

STATIONARY ENGINES AND BOILERS.

SUGAR MILLS, SHAFTING, ETC.

HARRISON TWEED.

Agent and Treasurer P. I. PERRIN, Sup't.

THE ROGERS Locomotive & Machine

WORKS.

PATERSON, N. J.,

HAVING extensive facilities, are now prepared to fur-nish promptly of the b.st and most approved de-scription, either

COAL OR WOOD BURNING LOCOMOTIVE ENGINES,

AND OTHER VARIETIES OF

RAILROAD MACHINERY.

J. S. ROGERS, Pres't. R. S. HUGHES, Sec'y. WM. S. HUDSON, Sup't.

R. S. HUGHES, Treasurer, 44 Exchange Place, New York.

RAILROAD IRON.

THE undersigned, agents for the manufacturers, are pre-pared to contract to deliver best quality American or Welsh, Steel or Iron Rails, and of any required

PERKINS. LIVINGSTON, POST & Co., 93 Nassau Street,

FULLER, LORD & CO., Machine-Forged Nuts, BOLTS & NUTS.

WROUGHT WASHERS,

BOONTON CUT NAILS.

139 Greenwich Street.

NEW-YORK!

FINANCIAL

A LEX. FROTHINGHAM & CO., BANKERS AND Brokers, No. 12 Wall st., make for customers desirable investments of large or small amounts in stocks of a legitimate character, which frequently pay from five to twenty times the amount invested every thirty

Reliable stock privileges negotiated at favorable rates. Stocks bought and carried as long as desired on deposit of three to five per cert. Circulars and weekly reports sent.

EDSON, DI Liberty St.,

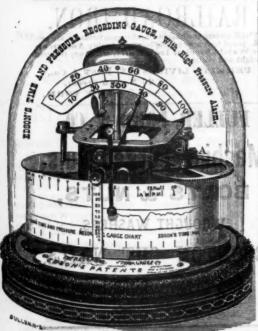
The Coal Trade.

For the week ending the 29th ultimo, the total tonnage, as reported by the several carrying com-panies, amounted to 404,388 tons, against 508,304 tons in corresponding week last year, a decrease of 103,916 tons. The total amount of anthracite mined for the coal year is 14,398,738 tons, against 12,847,351 for same period last year, an increase of 1,551,387 tons. The quantity of bituminous coal sent to market for the week amounted to 87,595 tone, against 44,418 tons in corresponding week last year, an increase of 48,177 tons. The total amount of anthracite mined for the year is 2,439,-970 tons, against 2,563,358 tons for corresponding period last year, a decrease of 123,388 tons. The total tonnage of all kinds of coal for the week is 491,983 tons, against 552,722 tons in corresponding week last year, a decrease of 60,739 tons. The total tonnage of all kinds of coal for the coal year in 16,838,708 tons, against 15,410,709 to same date last year, an increase of 1,421,999 tons. The re-ceipts at Perth Amboy for the week ending on the 29th ultimo were 37,284 tons, the shipments 35,110 tons, leaving a stock on hand of 63,379 tons. The quantity of coal and coke carried over the Pennsylvania Railroad for the third week of September was 114,751 tons, of which 99 457 tons were cosl, and 15,294 tons coke. The total carried for the year is 3,271,059 tons, of which 2-623,902 tons were coal and 595,282 tons coke. These figures embrace all the coal carried over the road, east and west .- Phila. Ledger, Oct. 8.

Engineers & Machinists

MECHANICS.

Steam Office Watchman!!



THIS GAUGE IS USED IN HOTELS, STEAM-

The Inventors of this combined "Pressure Gauge" and "High-Pressure Alarm" have, after many years of persistent effort and at great expense, succeeded in of persistent effort and at great expense, succeeded in perfecting a reliable and accurate instrument for mea-suring either air, steam or water, when subjected to pressure, and for denoting the same by an automatical-ly written tracing upon Edson's Patent Logs or "Charts." No manufacturer or steam user can afford to be without them. Circulars sent on application to

M. B. EDSON, 91 Liberty St., N. Y.

MILLER'S TRUSSED PLATFORMS. COMPRESSION BUFFERS & AUTOMATIC COUPLERS ROAD PASSENGER CARS.

working Models. **Mastrated** see and Call and

OFFICE: 6 Park Place, New York.,

E. MILLER, Patentee.

CORYDON WINCH.

Manufacturer of RAILROAD, SHIP, BOAT & DOCK SPIKES.



THE COMPLETE PRACTICAL MACHINIST by JOSHUA ROSE. Price, \$2 50. Address JOSHUA ROSE, P. O. Box, 5546, New York City.

ROSE, P. O. Box, 5546, New York City.

English Brussels, Three-Ply and Ingrain, also, Stair Carpets, Velvet Rugs, Crumb Cloths, Oil Cloths, etc., very cheap at the Old Place,

112 FULTON STREET, NEW YORK. Carpets carefully packed and sent to any part of the

United States free of charge. Send for Explanatory Circular.

J. A. BENDALL

EDWARD W. SERRELL. CIVIL ENGINEER,

78 & 80 BROADWAY.

NEW YORK CITY.

Railroads, Bridges, Explorations.

Particular attention given to the Examination of Public Works for Capitalists seeking Investments.

PAINENIS

T. D. STETSON. Solicitor of American and Foreign Patents.

23 Murray Street, New York,

(Near New Post Office.) Send for circular.

A. Stuart Willis,

ATTORNEY & COUNSELOR AT LAW.

NOTARY PUBLIC. 241 Broadway, New York.

Special attention paid to Railroad, Mining and Manufacturing Interests.

WITH ALL THE MODERN IMPROVEMENTS, SPLENDID LIGHT & VENTILATION, SUITABLE FOR

Banks, Bankers, Brokers, Merchants, Lawyers, Railway, Insurance, and other Companies, IN BUILDINGS

38 39, 40, 42, 57, 64, 66, 69, 71, 73, 78 and 80 **BROADWAY** \$

5, 7, 17, 19, 34, 36, 49 and 53 NEW ST., Nos. 17, 19, 21 and 38 BROAD ST.

Nos. 55 and 57 EXCHANGE PLACE. ALL NEAR WALL STREET. And No. 4 WALL STREET.

APPLY AT THE OFFICE OF

EDWARD MATTHEWS.

No. 71 Broadway.

ESTABLISHED IN 1836.

GEO. G. LOBDELL, Pres't.

WM W. LORDELL See

P. N. BRENNAN, Treas.

Lobdell Car Wheel Co. Wilmington, Del.